

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020228.D
 Acq On : 07 May 2024 11:20
 Operator : MA/JU
 Sample : P2368-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43K9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 12:28:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	111700	20.000	ng/u1	0.02
20) Naphthalene-d8	10.393	136	466038	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.304	164	325491	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	712864	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	637940	20.000	ng/u1	0.01
88) Perylene-d12	25.015	264	601765	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	12689	4.798	ng/uL	0.00
4) Pyridine-d5	3.611	84	196166	25.526	ng/u1	0.00
7) Phenol-d5	6.799	99	285535	29.766	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.969	67	170305	29.226	ng/u1	0.02
11) 2-Chlorophenol-d4	7.152	132	212708	31.018	ng/u1	0.01
15) 4-Methylphenol-d8	8.328	113	232540	29.984	ng/u1	0.02
21) Nitrobenzene-d5	8.781	128	114459	32.798	ng/u1	0.02
24) 2-Nitrophenol-d4	9.487	143	133066	33.296	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.028	165	241871	33.166	ng/u1	0.02
31) 4-Chloroaniline-d4	10.546	131	321825	31.530	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	747118	31.432	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	827623	31.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	117698	32.218	ng/u1	0.01
60) Fluorene-d10	15.334	176	631542	31.855	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	132809	29.359	ng/u1	0.00
73) Anthracene-d10	17.239	188	993737	32.223	ng/u1	0.00
81) Pyrene-d10	19.645	212	1177127	31.566	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	931152m	32.003	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	36174	12.053	ng/uL	96
5) Pyridine	3.628	79	252206	32.447	ng/u1	97
6) Benzaldehyde	6.787	77	202375	41.972	ng/u1	98
8) Phenol	6.828	94	352346	35.587	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	258138	33.319	ng/u1	100
12) 2-Chlorophenol	7.187	128	255734	35.718	ng/u1	96
13) 2-Methylphenol	8.063	108	261521	35.411	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	311679	32.250	ng/u1	98
16) Acetophenone	8.446	105	438856	34.095	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	240214	34.390	ng/u1	97
18) 4-Methylphenol	8.393	108	288663	35.961	ng/u1	98
19) Hexachloroethane	8.669	117	109748	33.519	ng/u1	98
22) Nitrobenzene	8.816	77	349719	34.908	ng/u1	100
23) Isophorone	9.346	82	663807	34.458	ng/u1	99
25) 2-Nitrophenol	9.522	139	158190	38.214	ng/u1	93
26) 2,4-Dimethylphenol	9.581	107	334990	37.092	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	361093	33.811	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	275293	38.808	ng/u1	98
30) Naphthalene	10.446	128	831229	34.604	ng/u1	99
32) 4-Chloroaniline	10.569	127	320479	32.109	ng/u1	100
33) Hexachlorobutadiene	10.704	225	190768	34.624	ng/u1	98
34) Caprolactam	11.387	113	94140m	38.008	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	331331	37.514	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	603791	36.126	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020228.D
 Acq On : 07 May 2024 11:20
 Operator : MA/JU
 Sample : P2368-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43K9MSD

Quant Time: May 07 12:28:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	608256	36.165	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	367949	36.247	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	142770	25.860	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	241066	37.868	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	265751	38.795	ng/ul	94
43) 1,1'-Biphenyl	13.104	154	799539	34.730	ng/ul	100
44) 2-Chloronaphthalene	13.145	162	638099	34.930	ng/ul	98
45) 2-Nitroaniline	13.381	65	233073	38.464	ng/ul	95
47) Dimethylphthalate	13.763	163	854333	35.584	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	176473	36.974	ng/ul	97
50) Acenaphthylene	14.016	152	1023365	34.651	ng/ul	99
51) 3-Nitroaniline	14.245	138	165242	37.119	ng/ul	97
52) Acenaphthene	14.369	153	680514	34.288	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	110472	37.708	ng/ul	94
55) 4-Nitrophenol	14.569	109	148961	39.165	ng/ul	95
56) Dibenzofuran	14.716	168	982590	35.998	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	268387	39.111	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	235837	38.339	ng/ul	98
59) Diethylphthalate	15.169	149	830996	34.673	ng/ul	99
61) Fluorene	15.381	166	823627	36.315	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	431552	35.866	ng/ul	98
63) 4-Nitroaniline	15.439	138	167437	45.133	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	170198	36.082	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	696303	35.081	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	275238	35.645	ng/ul	97
69) Hexachlorobenzene	16.404	284	315071	35.230	ng/ul	97
70) Atrazine	16.610	200	284076	40.363	ng/ul	99
71) Pentachlorophenol	16.775	266	199587	36.922	ng/ul	99
72) Phenanthrene	17.181	178	1266066	34.810	ng/ul	99
74) Anthracene	17.281	178	1286574	34.779	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	361028	34.076	ng/uL	97
76) Pentachlorobenzene	14.622	250	370012	34.899	ng/uL	96
77) Carbazole	17.575	167	1157845	36.332	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1451213	37.569	ng/ul	100
80) Fluoranthene	19.292	202	1565391	35.670	ng/ul	99
82) Pyrene	19.675	202	1645151	36.029	ng/ul	99
83) Butylbenzylphthalate	20.651	149	669840	38.644	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.551	252	411278	31.677	ng/ul	97
85) Benzo(a)anthracene	21.621	228	1532679	35.422	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	931389	37.247	ng/ul	99
87) Chrysene	21.692	228	1422640	35.474	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	1570108	40.741	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	1322913	36.956	ng/ul	98
91) Benzo(k)fluoranthene	24.010	252	1302271	35.698	ng/ul	99
93) Benzo(a)pyrene	24.851	252	1085502	31.870	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	1446837m	34.652	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	1167465	33.804	ng/ul	99
96) Benzo(g,h,i)perylene	30.021	276	1091469	32.411	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

