

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020966.D
 Acq On : 15 Jul 2024 20:20
 Operator : MA/JU
 Sample : P3087-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CB7MSD

Quant Time: Jul 15 23:05:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	205271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	771219	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.316	164	438621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	852799	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	873109	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	1077657	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15219	3.374	ng/uL	0.01
4) Pyridine-d5	3.670	84	73433	5.623	ng/u1	0.02
7) Phenol-d5	6.899	99	328447	19.626	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	210701	20.775	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	284410	20.627	ng/u1	0.01
15) 4-Methylphenol-d8	8.405	113	230879	16.611	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	139133	23.227	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	157702	23.002	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	283021	22.829	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	219464	13.363	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	765636	24.012	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	866412	24.199	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	96181	21.201	ng/u1	0.00
60) Fluorene-d10	15.316	176	630407	24.099	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	112858	21.872	ng/u1	0.00
73) Anthracene-d10	17.222	188	917993	24.236	ng/u1	0.00
81) Pyrene-d10	19.604	212	1061862	19.672	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	889463	16.735	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	44110	8.891	ng/uL	95
5) Pyridine	3.687	79	106970	7.941	ng/u1	98
6) Benzaldehyde	6.863	77	130186	15.430	ng/u1	98
8) Phenol	6.928	94	405881	23.968	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.140	93	322721	23.069	ng/u1	99
12) 2-Chlorophenol	7.275	128	335030	24.243	ng/u1	99
13) 2-Methylphenol	8.146	108	283955	21.682	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	461937	22.856	ng/u1	98
16) Acetophenone	8.516	105	518020	24.148	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	247852	22.050	ng/u1	98
18) 4-Methylphenol	8.469	108	318583	22.706	ng/u1	94
19) Hexachloroethane	8.746	117	115383	18.580	ng/u1	98
22) Nitrobenzene	8.887	77	366461	25.539	ng/u1	98
23) Isophorone	9.410	82	680516	23.855	ng/u1	100
25) 2-Nitrophenol	9.581	139	194515	27.203	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	159546	11.315	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	419148	24.173	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	321490	26.313	ng/u1	99
30) Naphthalene	10.504	128	1060661	26.146	ng/u1	99
32) 4-Chloroaniline	10.628	127	223902	14.277	ng/u1	100
33) Hexachlorobutadiene	10.763	225	236337	25.798	ng/u1	98
34) Caprolactam	11.434	113	75475	20.053	ng/u1	92
35) 4-Chloro-3-methylphenol	11.763	107	321492	24.207	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	700988	25.173	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020966.D
 Acq On : 15 Jul 2024 20:20
 Operator : MA/JU
 Sample : P3087-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CB7MSD

Quant Time: Jul 15 23:05:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	722657	25.233	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	405956	28.499	ng/ul	96
40) Hexachlorocyclopentadiene	12.446	237	78480	10.532	ng/ul	100
41) 2,4,6-Trichlorophenol	12.740	196	250454	27.825	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	266036	27.935	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	907372	28.307	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	704491	27.530	ng/ul	99
45) 2-Nitroaniline	13.398	65	195185	27.581	ng/ul	95
47) Dimethylphthalate	13.763	163	868160	26.834	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	173043	26.753	ng/ul	99
50) Acenaphthylene	14.028	152	1078132	26.596	ng/ul	100
51) 3-Nitroaniline	14.245	138	149249	26.516	ng/ul	94
52) Acenaphthene	14.369	153	730908	27.166	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	70030	20.616	ng/ul	96
55) 4-Nitrophenol	14.587	109	88857	24.079	ng/ul	96
56) Dibenzofuran	14.710	168	1002483	27.209	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	237116	26.704	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.951	232	205301	25.175	ng/ul	98
59) Diethylphthalate	15.151	149	833750	25.786	ng/ul	99
61) Fluorene	15.375	166	828130	27.544	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	417078	25.565	ng/ul	99
63) 4-Nitroaniline	15.428	138	136912	29.372	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	135788	24.816	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	674557	27.163	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	269409	26.952	ng/ul	96
69) Hexachlorobenzene	16.392	284	250876	21.889	ng/ul	99
70) Atrazine	16.581	200	166393	18.385	ng/ul	99
71) Pentachlorophenol	16.763	266	133659	21.472	ng/ul	96
72) Phenanthrene	17.163	178	1951458	44.111	ng/ul	99
74) Anthracene	17.257	178	1317093	29.203	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	413946	30.327	ng/ul	98
76) Pentachlorobenzene	14.634	250	321987	23.740	ng/ul	99
77) Carbazole	17.539	167	1095262	29.707	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1440769	28.325	ng/ul	99
80) Fluoranthene	19.257	202	2931839	44.975	ng/ul	100
82) Pyrene	19.633	202	2280097	34.373	ng/ul	99
83) Butylbenzylphthalate	20.569	149	711539	25.745	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	325304	16.305	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2419054	39.552	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	1783115	44.832	ng/ul	100
87) Chrysene	21.598	228	2281868	40.151	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1868397	26.245	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2651128	40.539	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	2217681	33.980	ng/ul	99
93) Benzo(a)pyrene	24.686	252	1171658	18.959	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	2018647	25.349	ng/ul	98
95) Dibenzo(a,h)anthracene	28.662	278	1941426	29.440	ng/ul	100
96) Benzo(g,h,i)perylene	29.733	276	214758m	3.311	ng/ul	

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

