

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020361.D
 Acq On : 13 May 2024 20:03
 Operator : MA/JU
 Sample : P2371-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43Q5MSD

Quant Time: May 13 22:53:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 10:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	71298	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	295323	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	201056	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	447692	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	482790	20.000	ng/u1	-0.01
88) Perylene-d12	24.957	264	546822	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	8867	5.252	ng/uL	0.00
4) Pyridine-d5	3.611	84	120737	24.613	ng/u1	-0.01
7) Phenol-d5	6.799	99	189460	30.942	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	110573	29.728	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	145724	33.292	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	148234	29.944	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	75241	34.023	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	87890	34.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	162999	35.271	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	205773	31.814	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	514483	35.041	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	566779	34.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	71720	31.783	ng/u1	0.00
60) Fluorene-d10	15.316	176	432941	35.353	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	92648	32.612	ng/u1	0.01
73) Anthracene-d10	17.233	188	686303	35.436	ng/u1	0.02
81) Pyrene-d10	19.633	212	875228	31.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	956353	36.171	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	25142	13.124	ng/uL	91
5) Pyridine	3.628	79	175167	35.305	ng/u1	99
6) Benzaldehyde	6.781	77	145338	47.223	ng/u1	97
8) Phenol	6.828	94	245366	38.825	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.058	93	182290	36.862	ng/u1	99
12) 2-Chlorophenol	7.181	128	186137	40.729	ng/u1	94
13) 2-Methylphenol	8.058	108	181091	38.415	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.128	45	213958m	34.683	ng/u1	
16) Acetophenone	8.434	105	306743	37.335	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	161321	36.182	ng/u1	96
18) 4-Methylphenol	8.387	108	203425	39.703	ng/u1	97
19) Hexachloroethane	8.657	117	77683	37.170	ng/u1	90
22) Nitrobenzene	8.810	77	245298	38.639	ng/u1	99
23) Isophorone	9.334	82	450699	36.920	ng/u1	99
25) 2-Nitrophenol	9.516	139	112771	42.990	ng/u1	94
26) 2,4-Dimethylphenol	9.569	107	190902	33.357	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	253924	37.521	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	195889	43.578	ng/u1	99
30) Naphthalene	10.428	128	601433	39.511	ng/u1	99
32) 4-Chloroaniline	10.563	127	239203	37.819	ng/u1	100
33) Hexachlorobutadiene	10.693	225	139442	39.938	ng/u1	97
34) Caprolactam	11.381	113	66435m	42.327	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	230846	41.246	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	431455	40.737	ng/u1	98

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37) 1-Methylnaphthalene	12.281	142	433071	40.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	271127	43.239	ng/ul	100
40) Hexachlorocyclopentadiene	12.387	237	80571	23.626	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	174420	44.356	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	191655	45.294	ng/ul	95
43) 1,1'-Biphenyl	13.093	154	580062	40.791	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	461100	40.863	ng/ul	99
45) 2-Nitroaniline	13.375	65	160356	42.842	ng/ul	91
47) Dimethylphthalate	13.751	163	610153	41.142	ng/ul	98
48) 2,6-Dinitrotoluene	13.893	165	127479	43.239	ng/ul	95
50) Acenaphthylene	14.004	152	737120	40.406	ng/ul	99
51) 3-Nitroaniline	14.234	138	126496	46.002	ng/ul	96
52) Acenaphthene	14.357	153	490474	40.008	ng/ul	100
53) 2,4-Dinitrophenol	14.463	184	66809	36.918	ng/ul	91
55) 4-Nitrophenol	14.575	109	114924	48.916	ng/ul	93
56) Dibenzofuran	14.704	168	726880	43.111	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	196649	46.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	173795	45.739	ng/ul	93
59) Diethylphthalate	15.157	149	610973	41.271	ng/ul	99
61) Fluorene	15.369	166	597095	42.621	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	318133	42.804	ng/ul	95
63) 4-Nitroaniline	15.434	138	124852m	54.483	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.487	198	120268	40.599	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	522330	41.903	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	205537	42.385	ng/ul	96
69) Hexachlorobenzene	16.392	284	241557	43.008	ng/ul	95
70) Atrazine	16.598	200	201200	45.520	ng/ul	99
71) Pentachlorophenol	16.775	266	143739	42.340	ng/ul	99
72) Phenanthrene	17.163	178	967235	42.345	ng/ul	98
74) Anthracene	17.275	178	953657	41.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	267555	40.211	ng/uL	98
76) Pentachlorobenzene	14.610	250	278937	41.892	ng/uL	98
77) Carbazole	17.563	167	891375	44.538	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1071974	44.188	ng/ul	99
80) Fluoranthene	19.286	202	1251810	37.691	ng/ul	97
82) Pyrene	19.663	202	1317240	38.118	ng/ul	99
83) Butylbenzylphthalate	20.627	149	515867	39.325	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.522	252	392583	39.955	ng/ul	98
85) Benzo(a)anthracene	21.586	228	1374543	41.976	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	754478	39.868	ng/ul	96
87) Chrysene	21.651	228	1279188	42.148	ng/ul	100
89) Di-n-octyl phthalate	22.821	149	1346051	38.437	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	1384721	42.570	ng/ul	99
91) Benzo(k)fluoranthene	23.957	252	1350798	40.749	ng/ul	99
93) Benzo(a)pyrene	24.804	252	1154712	37.308	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	1648737	43.455	ng/ul	98
95) Dibenzo(a,h)anthracene	28.845	278	1327612	42.304	ng/ul	98
96) Benzo(g,h,i)perylene	29.945	276	1273264m	41.609	ng/ul	

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

