

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019195.D
 Acq On : 30 Dec 2023 08:19
 Operator : MA/JU
 Sample : PB158073BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS073

Quant Time: Jan 01 00:33:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/01/2024
 Supervised By :mohammad ahmed 01/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	255535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	957957	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	579221	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1346431	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1490420	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1791015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	38020	5.081	ng/uL	0.00
4) Pyridine-d5	3.652	84	499252	26.585	ng/u1	0.00
7) Phenol-d5	6.975	99	567435	24.762	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	334220	25.211	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	449689	24.341	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	428102	23.996	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	206527	24.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	223129	24.932	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	453308	25.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	560356	25.208	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1245429	24.343	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1431387	25.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	235199	27.224	ng/u1	0.00
60) Fluorene-d10	15.439	176	1094517	24.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	226481	25.658	ng/u1	0.00
73) Anthracene-d10	17.298	188	1745928	24.830	ng/u1	0.00
81) Pyrene-d10	19.545	212	2281172	25.114	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	2605598	25.310	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	76620	9.314	ng/uL	98
5) Pyridine	3.669	79	501130	26.289	ng/u1	96
6) Benzaldehyde	6.945	77	297180	27.931	ng/u1	96
8) Phenol	7.004	94	575041	25.406	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	461592	25.205	ng/u1	98
12) 2-Chlorophenol	7.363	128	464157	24.548	ng/u1	98
13) 2-Methylphenol	8.251	108	416115	24.852	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	546715	25.306	ng/u1	99
16) Acetophenone	8.628	105	671169	25.118	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.616	70	313932	23.561	ng/u1	98
18) 4-Methylphenol	8.581	108	450071	24.972	ng/u1	99
19) Hexachloroethane	8.869	117	200036	25.222	ng/u1	99
22) Nitrobenzene	9.004	77	499618	24.695	ng/u1	99
23) Isophorone	9.534	82	901077	24.699	ng/u1	99
25) 2-Nitrophenol	9.716	139	242756	25.404	ng/u1	99
26) 2,4-Dimethylphenol	9.781	107	399765	23.763	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.016	93	591311	24.523	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	434584	24.608	ng/u1	99
30) Naphthalene	10.645	128	1389812	24.063	ng/u1	100
32) 4-Chloroaniline	10.763	127	507110	23.774	ng/u1	99
33) Hexachlorobutadiene	10.922	225	326331	24.010	ng/u1	98
34) Caprolactam	11.557	113	127136m	27.255	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	436720	25.192	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	945452	24.279	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	931717	23.727	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	588603	24.674	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	311474	23.523	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	366302	25.730	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	394510	26.105	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1228662	24.317	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	999739	24.659	ng/ul	99
45) 2-Nitroaniline	13.533	65	258346	26.543	ng/ul	98
47) Dimethylphthalate	13.910	163	1244949	24.651	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	252126	27.169	ng/ul	93
50) Acenaphthylene	14.163	152	1598926	25.600	ng/ul	100
51) 3-Nitroaniline	14.363	138	244391	26.938	ng/ul	99
52) Acenaphthene	14.504	153	1054011	24.899	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	140328	23.472	ng/ul	96
55) 4-Nitrophenol	14.674	109	184543	26.728	ng/ul	95
56) Dibenzofuran	14.845	168	1483091	24.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	378220	27.712	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	341993	25.901	ng/ul	99
59) Diethylphthalate	15.274	149	1210715	24.726	ng/ul	99
61) Fluorene	15.492	166	1205304	24.911	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	642278	24.307	ng/ul	98
63) 4-Nitroaniline	15.527	138	264062m	28.929	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	245244	26.241	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	1035256	25.193	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	418981	25.036	ng/ul	99
69) Hexachlorobenzene	16.498	284	502039	24.548	ng/ul	100
70) Atrazine	16.668	200	378945	32.676	ng/ul	99
71) Pentachlorophenol	16.851	266	309953	25.813	ng/ul	98
72) Phenanthrene	17.239	178	2025999	24.830	ng/ul	99
74) Anthracene	17.333	178	2055104	25.299	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	569630	24.332	ng/uL	98
76) Pentachlorobenzene	14.763	250	559957	24.071	ng/uL	98
77) Carbazole	17.610	167	1880103	27.825	ng/ul	100
78) Di-n-butylphthalate	18.168	149	2113498	25.221	ng/ul	100
80) Fluoranthene	19.215	202	2622961	25.165	ng/ul	99
82) Pyrene	19.574	202	2735071	25.046	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1010037	25.893	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	961448	25.787	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2999138	25.469	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	1458204	25.387	ng/ul	100
87) Chrysene	21.339	228	2789613	25.405	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2580735	25.198	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3127346	24.859	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	3142660	25.422	ng/ul	100
93) Benzo(a)pyrene	23.562	252	3013652	25.452	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.121	276	3848184	25.352	ng/ul	98
95) Dibenzo(a,h)anthracene	26.139	278	3190637	25.268	ng/ul	100
96) Benzo(g,h,i)perylene	26.874	276	3110818	25.574	ng/ul	100

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

