

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
 Data File : BP020013.D
 Acq On : 28 Mar 2024 16:01
 Operator : MA/JU
 Sample : PB159847BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS847

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Jagrut Upadhyay 03/29/2024

Quant Time: Mar 28 16:36:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	127825m	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.328	136	536159	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.234	164	370623	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	757152	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	573120	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	615808	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	15662	5.368	ng/uL	-0.02
4) Pyridine-d5	3.611	84	136182	15.459	ng/u1	-0.02
7) Phenol-d5	6.758	99	315689	29.283	ng/u1	-0.05
9) Bis-(2-Chloroethyl)eth...	6.928	67	202840m	28.879	ng/u1	-0.04
11) 2-Chlorophenol-d4	7.116	132	217916	28.146	ng/u1	-0.04
15) 4-Methylphenol-d8	8.275	113	249723m	29.940	ng/u1	-0.04
21) Nitrobenzene-d5	8.722	128	114700	27.911	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.428	143	126200	27.447	ng/u1	-0.04
28) 2,4-Dichlorophenol-d3	9.963	165	244894	29.163	ng/u1	-0.03
31) 4-Chloroaniline-d4	10.481	131	71851	6.564	ng/u1	-0.04
46) Dimethylphthalate-d6	13.645	166	727675	28.003	ng/u1	0.00
49) Acenaphthylene-d8	13.910	160	825301	27.188	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.481	143	113661	27.823	ng/u1	-0.01
60) Fluorene-d10	15.257	176	616703	27.860	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	129283	28.525	ng/u1	0.00
73) Anthracene-d10	17.181	188	925583	27.616	ng/u1	0.01
81) Pyrene-d10	19.575	212	1000376	29.750	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.610	264	828208m	27.995	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	34478	10.356	ng/uL	97
5) Pyridine	3.628	79	286161	31.869	ng/u1	97
6) Benzaldehyde	6.752	77	101615	19.061	ng/u1	99
8) Phenol	6.781	94	335632	29.778	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.022	93	264813	29.011	ng/u1	98
12) 2-Chlorophenol	7.146	128	230282	28.223	ng/u1	94
13) 2-Methylphenol	8.005	108	241626	29.739	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	377772	30.098	ng/u1	100
16) Acetophenone	8.393	105	405764	30.160	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.375	70	231067	30.793	ng/u1	97
18) 4-Methylphenol	8.334	108	265717	30.385	ng/u1	100
19) Hexachloroethane	8.622	117	104648m	27.614	ng/u1	
22) Nitrobenzene	8.763	77	340344	29.075	ng/u1	99
23) Isophorone	9.281	82	650665	29.820	ng/u1	99
25) 2-Nitrophenol	9.463	139	137328	28.650	ng/u1	92
26) 2,4-Dimethylphenol	9.516	107	306591	29.301	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.757	93	371682	29.131	ng/u1	99
29) 2,4-Dichlorophenol	9.993	162	241599	29.410	ng/u1	99
30) Naphthalene	10.375	128	773928	28.137	ng/u1	99
32) 4-Chloroaniline	10.510	127	184908	17.212	ng/u1	98
33) Hexachlorobutadiene	10.640	225	174555	26.964	ng/u1	98
34) Caprolactam	11.310	113	81985m	32.107	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	297145	32.562	ng/u1	99
36) 2-Methylnaphthalene	12.010	142	534330	29.176	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	532227	29.058	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	321337	26.224	ng/u1	98
40) Hexachlorocyclopentadiene	12.334	237	171610	24.749	ng/u1	100
41) 2,4,6-Trichlorophenol	12.628	196	206800	27.471	ng/u1	98
42) 2,4,5-Trichlorophenol	12.716	196	225226	28.927	ng/u1	99
43) 1,1'-Biphenyl	13.040	154	724807	27.005	ng/u1	98
44) 2-Chloronaphthalene	13.081	162	572593	26.454	ng/u1	99
45) 2-Nitroaniline	13.310	65	209658	30.751	ng/u1	99
47) Dimethylphthalate	13.704	163	730353	27.846	ng/u1	100
48) 2,6-Dinitrotoluene	13.828	165	155937	29.282	ng/u1	96
50) Acenaphthylene	13.940	152	934922	27.541	ng/u1	99
51) 3-Nitroaniline	14.169	138	124806	25.449	ng/u1	92
52) Acenaphthene	14.287	153	622476	27.603	ng/u1	100
53) 2,4-Dinitrophenol	14.381	184	85190	28.109	ng/u1	94
55) 4-Nitrophenol	14.498	109	109796	29.288	ng/u1	93
56) Dibenzofuran	14.640	168	854274	27.894	ng/u1	98
57) 2,4-Dinitrotoluene	14.634	165	217739	29.906	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	14.887	232	187302	28.052	ng/u1	98
59) Diethylphthalate	15.092	149	739999	28.451	ng/u1	99
61) Fluorene	15.316	166	712512	28.524	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.328	204	371580	27.773	ng/u1	100
63) 4-Nitroaniline	15.363	138	127635	30.473	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.410	198	135403	28.151	ng/u1	98
67) N-Nitrosodiphenylamine	15.539	169	556375	26.603	ng/u1	98
68) 4-Bromophenyl-phenylether	16.234	248	228724	27.834	ng/u1	99
69) Hexachlorobenzene	16.328	284	249416	27.334	ng/u1	98
70) Atrazine	16.539	200	23453	2.927	ng/u1#	95
71) Pentachlorophenol	16.710	266	137489	25.704	ng/u1	98
72) Phenanthrene	17.116	178	1093107	27.924	ng/u1	99
74) Anthracene	17.216	178	1106508	27.838	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	320187	25.937	ng/uL	99
76) Pentachlorobenzene	14.557	250	306093	26.774	ng/uL	98
77) Carbazole	17.504	167	918049	27.010	ng/u1	99
78) Di-n-butylphthalate	18.104	149	1121370	26.423	ng/u1	99
80) Fluoranthene	19.228	202	1209942	30.634	ng/u1	98
82) Pyrene	19.610	202	1256224	30.603	ng/u1	99
83) Butylbenzylphthalate	20.586	149	444790	26.684	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.463	252	150980	12.387	ng/u1	97
85) Benzo(a)anthracene	21.527	228	1108916	27.960	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	587547	24.123	ng/u1	96
87) Chrysene	21.592	228	1048620	28.438	ng/u1	98
89) Di-n-octyl phthalate	22.745	149	975334	24.972	ng/u1	100
90) Benzo(b)fluoranthene	23.798	252	1063357	29.452	ng/u1	99
91) Benzo(k)fluoranthene	23.863	252	1059395	28.874	ng/u1	100
93) Benzo(a)pyrene	24.674	252	1014614	29.053	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	1274811m	28.982	ng/u1	
95) Dibenzo(a,h)anthracene	28.668	278	1038313	29.019	ng/u1	97
96) Benzo(g,h,i)perylene	29.727	276	1042571	29.343	ng/u1	97

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

