

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017572.D
 Acq On : 05 Oct 2023 18:48
 Operator : MA/JU
 Sample : PB156008BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS008

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 02:59:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	105755	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	453144	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	297589	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	666119	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	723449	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	754485	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	19169	7.247	ng/uL	0.00
4) Pyridine-d5	3.723	84	273327	39.476	ng/u1	0.00
7) Phenol-d5	7.093	99	398936	44.835	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	232781	42.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	306586	43.760	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	306752	43.064	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	152159	43.647	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	172527	43.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	322834	44.288	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	402827	38.793	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1013523	43.662	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1110024	43.366	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	189589	46.639	ng/u1	0.00
60) Fluorene-d10	15.634	176	862002	43.780	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	184005	44.309	ng/u1	0.00
73) Anthracene-d10	17.522	188	1262133	40.933	ng/u1	0.00
81) Pyrene-d10	19.775	212	1755776	43.676	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1776498	46.657	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	39453	14.509	ng/uL	95
5) Pyridine	3.740	79	280473	38.576	ng/u1	93
6) Benzaldehyde	7.099	77	230247	51.330	ng/u1	99
8) Phenol	7.122	94	411430	46.165	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	317044	43.936	ng/u1	99
12) 2-Chlorophenol	7.493	128	321965	45.406	ng/u1	100
13) 2-Methylphenol	8.393	108	298861	44.746	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	398972m	41.990	ng/u1	
16) Acetophenone	8.799	105	502370	44.719	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.769	70	265403	46.045	ng/u1	97
18) 4-Methylphenol	8.728	108	332432	45.997	ng/u1	98
19) Hexachloroethane	9.005	117	136364	43.323	ng/u1	97
22) Nitrobenzene	9.193	77	398750	44.469	ng/u1	99
23) Isophorone	9.705	82	725808	44.118	ng/u1	99
25) 2-Nitrophenol	9.893	139	191960	46.010	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	223644	27.036	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	434584	43.205	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	329548	46.560	ng/u1	98
30) Naphthalene	10.828	128	1055783	43.668	ng/u1	100
32) 4-Chloroaniline	10.969	127	377388	38.074	ng/u1	99
33) Hexachlorobutadiene	11.052	225	218880	42.583	ng/u1	97
34) Caprolactam	11.810	113	111686m	50.848	ng/u1	
35) 4-Chloro-3-methylphenol	12.081	107	358392	47.978	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	726659	43.985	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	708656	41.809	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	413125	42.372	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	125219	22.771	ng/ul	94
41) 2,4,6-Trichlorophenol	13.051	196	252610	40.654	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	287008	43.868	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	1001271	43.953	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	796281	43.964	ng/ul	99
45) 2-Nitroaniline	13.751	65	247310	49.139	ng/ul	97
47) Dimethylphthalate	14.098	163	1051754	45.079	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	217851	50.108	ng/ul	96
50) Acenaphthylene	14.363	152	1240404	41.904	ng/ul	100
51) 3-Nitroaniline	14.587	138	225579	54.428	ng/ul	96
52) Acenaphthene	14.698	153	861705	44.102	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	111948	43.500	ng/ul	96
55) 4-Nitrophenol	14.893	109	175994	48.214	ng/ul	93
56) Dibenzofuran	15.034	168	1238694	45.045	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	327053	50.401	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	224430	38.757	ng/ul	99
59) Diethylphthalate	15.457	149	1063409	45.441	ng/ul	100
61) Fluorene	15.692	166	1025870	45.170	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	525219	45.144	ng/ul	97
63) 4-Nitroaniline	15.769	138	235018	60.330	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.792	198	193721	43.604	ng/ul#	98
67) N-Nitrosodiphenylamine	15.916	169	863124	46.275	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	329859	46.710	ng/ul	100
69) Hexachlorobenzene	16.675	284	385396	46.342	ng/ul	97
70) Atrazine	16.875	200	36579	5.069	ng/ul	100
71) Pentachlorophenol	17.045	266	168071	33.384	ng/ul	97
72) Phenanthrene	17.463	178	1633180	45.555	ng/ul	100
74) Anthracene	17.557	178	1525913	41.759	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	42402	4.306	ng/uL	97
76) Pentachlorobenzene	14.928	250	438093	44.820	ng/uL	98
77) Carbazole	17.851	167	1516517	46.218	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1874397	47.396	ng/ul	100
80) Fluoranthene	19.445	202	2127288	45.425	ng/ul	99
82) Pyrene	19.804	202	2219127	44.911	ng/ul	100
83) Butylbenzylphthalate	20.675	149	919824	47.401	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	755341	45.951	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2279838	44.981	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1332799	47.650	ng/ul	99
87) Chrysene	21.598	228	2146743	45.312	ng/ul	100
89) Di-n-octyl phthalate	22.404	149	2312470	48.450	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2343623	49.482	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2213936	46.884	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2004978	45.282	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	2558483	47.266	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	2151799	47.178	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	2057316	47.380	ng/ul	99

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

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