

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019197.D
 Acq On : 30 Dec 2023 09:27
 Operator : MA/JU
 Sample : PB158060BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS060

Manual Integrations
 APPROVED

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

Quant Time: Jan 01 00:36:16 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	213332	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	800901	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	499449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1167973	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1279446	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	1506864	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	35307	5.652	ng/uL	0.00
4) Pyridine-d5	3.652	84	451430	28.794	ng/u1	0.00
7) Phenol-d5	6.975	99	522412	27.307	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	302911	27.369	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	416955	27.034	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	397948	26.718	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	193281	27.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	210492	28.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	427087	28.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	522032	28.090	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1195886	27.108	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1362115	28.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	223108	29.950	ng/u1	0.00
60) Fluorene-d10	15.440	176	1044460	27.405	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	218278	28.507	ng/u1	0.00
73) Anthracene-d10	17.298	188	1667569	27.339	ng/u1	0.00
81) Pyrene-d10	19.545	212	2155993	27.650	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	2443456	28.211	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	71562	10.420	ng/uL	99
5) Pyridine	3.670	79	455633	28.631	ng/u1	96
6) Benzaldehyde	6.946	77	272824	30.714	ng/u1	97
8) Phenol	7.005	94	534303	28.276	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	430297	28.144	ng/u1	97
12) 2-Chlorophenol	7.364	128	428170	27.124	ng/u1	99
13) 2-Methylphenol	8.252	108	389982	27.898	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	499126	27.674	ng/u1	99
16) Acetophenone	8.628	105	623564	27.953	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.616	70	295119	26.531	ng/u1	97
18) 4-Methylphenol	8.581	108	419563	27.885	ng/u1	100
19) Hexachloroethane	8.869	117	183048	27.646	ng/u1	96
22) Nitrobenzene	9.005	77	466971	27.608	ng/u1	98
23) Isophorone	9.534	82	846071	27.739	ng/u1	99
25) 2-Nitrophenol	9.716	139	232010	29.041	ng/u1	95
26) 2,4-Dimethylphenol	9.781	107	374482	26.626	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.016	93	548509	27.209	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	416579	28.214	ng/u1	98
30) Naphthalene	10.646	128	1298947	26.900	ng/u1	100
32) 4-Chloroaniline	10.763	127	477717	26.788	ng/u1	100
33) Hexachlorobutadiene	10.922	225	310934	27.364	ng/u1	97
34) Caprolactam	11.552	113	124131m	31.829	ng/u1	
35) 4-Chloro-3-methylphenol	11.899	107	411307	28.378	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	892163	27.403	ng/u1	99

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37) 1-Methylnaphthalene	12.475	142	871780	26.554	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	563326	27.386	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	303369	26.570	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	339785	27.679	ng/ul	99
42) 2,4,5-Trichlorophenol	12.946	196	367800	28.225	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	1165519	26.752	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	947135	27.092	ng/ul	99
45) 2-Nitroaniline	13.534	65	247088	29.441	ng/ul	97
47) Dimethylphthalate	13.910	163	1192507	27.384	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	241104	30.130	ng/ul	94
50) Acenaphthylene	14.163	152	1512646	28.087	ng/ul	100
51) 3-Nitroaniline	14.357	138	231175	29.551	ng/ul	97
52) Acenaphthene	14.504	153	996344	27.296	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	135088	26.204	ng/ul	96
55) 4-Nitrophenol	14.675	109	174839	29.367	ng/ul	94
56) Dibenzofuran	14.840	168	1415210	27.150	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	359722	30.567	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	329208	28.916	ng/ul	98
59) Diethylphthalate	15.275	149	1166732	27.633	ng/ul	100
61) Fluorene	15.493	166	1148223	27.521	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	619740	27.200	ng/ul	98
63) 4-Nitroaniline	15.528	138	249735	31.730	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	235750	29.080	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	984312	27.613	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	403794	27.815	ng/ul	97
69) Hexachlorobenzene	16.498	284	483479	27.252	ng/ul	98
70) Atrazine	16.669	200	366225	36.404	ng/ul	98
71) Pentachlorophenol	16.845	266	297687	28.580	ng/ul	98
72) Phenanthrene	17.239	178	1926742	27.221	ng/ul	99
74) Anthracene	17.334	178	1963002	27.858	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	548272	26.998	ng/ul	99
76) Pentachlorobenzene	14.757	250	536196	26.571	ng/ul	99
77) Carbazole	17.610	167	1786875	30.486	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2045047	28.132	ng/ul	100
80) Fluoranthene	19.216	202	2507400	28.023	ng/ul	99
82) Pyrene	19.575	202	2610469	27.846	ng/ul	98
83) Butylbenzylphthalate	20.457	149	970077	28.969	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	916223	28.627	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2852827	28.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1415345	28.704	ng/ul	100
87) Chrysene	21.339	228	2625727	27.855	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2488309	28.877	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2979914	28.154	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	2932620	28.197	ng/ul	99
93) Benzo(a)pyrene	23.563	252	2814783	28.255	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.115	276	3565854	27.922	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	2972745	27.982	ng/ul	99
96) Benzo(g,h,i)perylene	26.874	276	2878237	28.124	ng/ul	99

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

