Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018315.D
Acq On : 23 Nov 2023 14:25
Operator : MA/JU
Sample : PB157173BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS173

Quant Time: Nov 24 00:08:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	461830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1900068	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1145257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2121815	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1265131	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1495714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	64835	5.258	ng/uL	0.00
4) Pyridine-d5	3.687	84	825190	24.352	ng/ul	0.00
7) Phenol-d5	7.034	99	1257874	29.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	739940	29.318	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	1029834	29.061	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	1024439	30.076	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	496311	32.159	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	483584	33.929	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	1058173	30.773	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	1195761	25.783	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	3022655	29.661	ng/ul	-0.01
49) Acenaphthylene-d8	14.198	160	3492344	30.077	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	428271	30.443	ng/ul	0.00
60) Fluorene-d10	15.498	176	2509293	29.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	308976	34.207	ng/ul	0.00
73) Anthracene-d10	17.357	188	3362799	29.652	ng/ul	0.00
81) Pyrene-d10	19.592	212	3160261	31.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	2718563	31.351	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	145839	11.030	ng/uL	92
5) Pyridine	3.704	79	976415	28.598	ng/ul	98
6) Benzaldehyde	7.010	77	693398	31.045	ng/ul	98
8) Phenol	7.063	94	1363584	32.936	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.304	93	1128591	32.726	ng/ul	98
12) 2-Chlorophenol	7.434	128	1126993	31.700	ng/ul	98
13) 2-Methylphenol	8.316	108	1056661	32.767	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	1505567	30.713	ng/ul	98
16) Acetophenone	8.698	105	1696614	32.552	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.692	70	823282	28.277	ng/ul	97
18) 4-Methylphenol	8.651	108	1140466	33.118	ng/ul	97
19) Hexachloroethane	8.957	117	461219	31.065	ng/ul	96
22) Nitrobenzene	9.075	77	1199300	33.170	ng/ul	97
23) Isophorone	9.610	82	2449774	30.400	ng/ul	98
25) 2-Nitrophenol	9.787	139	590612	36.829	ng/ul	96
26) 2,4-Dimethylphenol	9.851	107	943112	26.194	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.092	93	1548328	31.814	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	1105242	33.555	ng/ul	98
30) Naphthalene	10.728	128	3684557	32.062	ng/ul	100
32) 4-Chloroaniline	10.834	127	1302598	29.764	ng/ul	100
33) Hexachlorobutadiene	11.016	225	758051	33.744	ng/ul	99
34) Caprolactam	11.604	113	336870m	35.490	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	1111200	31.553	ng/ul	97
36) 2-Methylnaphthalene	12.333	142	2563018	31.513	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	2521290	30.797	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	1416183	35.012	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	686725	29.977	ng/ul	99
41) 2,4,6-Trichlorophenol	12.939	196	839239	34.549	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	919143	34.992	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	3365815	33.731	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	2657239	33.646	ng/ul	100
45) 2-Nitroaniline	13.586	65	604410	35.567	ng/ul	91
47) Dimethylphthalate	13.975	163	3238149	32.476	ng/ul	99
48) 2,6-Dinitrotoluene	14.086	165	625359	37.201	ng/ul	91
50) Acenaphthylene	14.227	152	4210766	32.533	ng/ul	100
51) 3-Nitroaniline	14.410	138	573968	34.364	ng/ul#	94
52) Acenaphthene	14.569	153	2762364	32.671	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	215496	36.744	ng/ul	99
55) 4-Nitrophenol	14.710	109	337647	32.396	ng/ul	98
56) Dibenzofuran	14.904	168	3774467	32.653	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	822982	36.228	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.127	232	664867	32.230	ng/ul	98
59) Diethylphthalate	15.339	149	3104966	31.000	ng/ul	100
61) Fluorene	15.557	166	2939295	31.181	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	1550764	32.397	ng/ul	99
63) 4-Nitroaniline	15.574	138	534277	33.894	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.627	198	379294	37.863	ng/ul	100
67) N-Nitrosodiphenylamine	15.769	169	2508602	34.864	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	928362	34.654	ng/ul	97
69) Hexachlorobenzene	16.557	284	1073942	35.859	ng/ul	94
70) Atrazine	16.721	200	403194	18.355	ng/ul	100
71) Pentachlorophenol	16.898	266	491535	31.942	ng/ul	98
72) Phenanthrene	17.298	178	4308034	33.380	ng/ul	99
74) Anthracene	17.392	178	4230120	32.471	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1422043	38.991	ng/uL	98
76) Pentachlorobenzene	14.822	250	1359636	38.378	ng/uL	99
77) Carbazole	17.663	167	3511398	33.270	ng/ul	100
78) Di-n-butylphthalate	18.227	149	4514322	30.751	ng/ul	100
80) Fluoranthene	19.268	202	4164004	34.617	ng/ul	98
82) Pyrene	19.621	202	4127980	34.080	ng/ul	99
83) Butylbenzylphthalate	20.515	149	1338520	29.861	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.280	252	976465	31.912	ng/ul	100
85) Benzo(a)anthracene	21.339	228	3480045	33.752	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1974570	29.361	ng/ul	100
87) Chrysene	21.392	228	3230448	34.431	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	3087932	28.043	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	3493003	32.152	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	3584174	33.140	ng/ul	100
93) Benzo(a)pyrene	23.674	252	3430099	34.331	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	4527585	39.191	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.374	278	3745490	39.603	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	3740745	39.982	ng/ul	99

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

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