Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018807.D
Acq On : 13 Dec 2023 14:21
Operator : MA/JU
Sample : PB157666BS
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS666

Quant Time: Dec 13 21:36:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	242306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	940824	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	596532	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1361975	20.000	ng/ul	-0.01
79) Chrysene-d12	21.304	240	1389879	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	1559609	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	39168	5.508	ng/uL	0.00
4) Pyridine-d5	3.681	84	505378	26.535	ng/ul	0.00
7) Phenol-d5	7.005	99	619475	25.476	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	361100	25.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	477785	25.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	473394	24.056	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	220763	26.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	233152	26.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	482460	27.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	593404	25.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1394256	26.188	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1579521	26.943	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	253555	29.013	ng/ul	0.00
60) Fluorene-d10	15.457	176	1221743	27.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	217939	26.687	ng/ul	0.00
73) Anthracene-d10	17.310	188	1994228	27.852	ng/ul	-0.01
81) Pyrene-d10	19.551	212	2450628	22.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2504627	27.543	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	82034	10.521	ng/uL	97
5) Pyridine	3.699	79	549155	28.552	ng/ul	97
6) Benzaldehyde	6.975	77	312858	24.920	ng/ul	98
8) Phenol	7.034	94	661841	27.755	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.269	93	530725	27.100	ng/ul	100
12) 2-Chlorophenol	7.399	128	517609	26.955	ng/ul	99
13) 2-Methylphenol	8.281	108	485917	26.617	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	625914	25.189	ng/ul	97
16) Acetophenone	8.663	105	771133	26.294	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.652	70	367574	22.783	ng/ul	98
18) 4-Methylphenol	8.610	108	523384	26.255	ng/ul	99
19) Hexachloroethane	8.910	117	211633	26.883	ng/ul	92
22) Nitrobenzene	9.040	77	575179	28.252	ng/ul	98
23) Isophorone	9.569	82	1042914	25.124	ng/ul	98
25) 2-Nitrophenol	9.746	139	271823	29.243	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	491141	27.016	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.052	93	686514	26.196	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	502607	29.394	ng/ul	98
30) Naphthalene	10.681	128	1609627	28.203	ng/ul	100
32) 4-Chloroaniline	10.799	127	520077	23.521	ng/ul	100
33) Hexachlorobutadiene	10.963	225	357165	31.189	ng/ul	99
34) Caprolactam	11.575	113	156201	29.792	ng/ul	90
35) 4-Chloro-3-methylphenol	11.922	107	511151	26.685	ng/ul	99
36) 2-Methylnaphthalene	12.293	142	1094068	27.058	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1077486	26.388	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	663425	30.653	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	332796	25.942	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	402712	28.925	ng/ul	97
42) 2,4,5-Trichlorophenol	12.969	196	448418	29.708	ng/ul	100
43) 1,1'-Biphenyl	13.304	154	1452689	28.157	ng/ul	99
44) 2-Chloronaphthalene	13.346	162	1181349	28.992	ng/ul	98
45) 2-Nitroaniline	13.551	65	309205	27.992	ng/ul	98
47) Dimethylphthalate	13.934	163	1486841	28.370	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	293899	29.682	ng/ul	94
50) Acenaphthylene	14.187	152	1895691	28.760	ng/ul	100
51) 3-Nitroaniline	14.375	138	291728	29.515	ng/ul	99
52) Acenaphthene	14.528	153	1254748	28.791	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	137306	26.165	ng/ul	95
55) 4-Nitrophenol	14.687	109	207227	31.386	ng/ul	97
56) Dibenzofuran	14.863	168	1769023	29.206	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	441363	31.689	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	379728	29.992	ng/ul	92
59) Diethylphthalate	15.292	149	1458841	28.446	ng/ul	99
61) Fluorene	15.516	166	1441565	30.077	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	764594	30.417	ng/ul	95
63) 4-Nitroaniline	15.540	138	320921	34.082	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.598	198	251867	28.847	ng/ul#	90
67) N-Nitrosodiphenylamine	15.728	169	1240622	27.489	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	489978	28.496	ng/ul	96
69) Hexachlorobenzene	16.516	284	579985	30.212	ng/ul	96
70) Atrazine	16.681	200	318450	23.733	ng/ul	99
71) Pentachlorophenol	16.863	266	336015	29.430	ng/ul	99
72) Phenanthrene	17.257	178	2418722	29.404	ng/ul	100
74) Anthracene	17.345	178	2447452	29.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	664733	28.227	ng/uL	98
76) Pentachlorobenzene	14.781	250	661412	28.592	ng/uL	100
77) Carbazole	17.622	167	2209976	33.630	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2524147	28.847	ng/ul	100
80) Fluoranthene	19.228	202	2996163	23.428	ng/ul	97
82) Pyrene	19.581	202	3121153	24.192	ng/ul	95
83) Butylbenzylphthalate	20.457	149	1164312	24.651	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	1018645	30.159	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3279208	29.067	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1685969	25.971	ng/ul	100
87) Chrysene	21.339	228	3034693	29.211	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2962202	26.014	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3249912	28.262	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	3264677	29.342	ng/ul	99
93) Benzo(a)pyrene	23.563	252	3088368	29.393	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.121	276	3768931	30.022	ng/ul	96
95) Dibenzo(a,h)anthracene	26.145	278	3142475	30.091	ng/ul	97
96) Benzo(g,h,i)perylene	26.874	276	3026008	29.952	ng/ul	97

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

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