Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018828.D
Acq On : 14 Dec 2023 04:16
Operator : MA/JU
Sample : PB157680BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS680

Quant Time: Dec 14 04:51:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	242808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	883282	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	527619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1194850	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1327377	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1530787	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	42414	5.953	ng/uL	0.00
4) Pyridine-d5	3.675	84	552609	28.955	ng/ul	0.00
7) Phenol-d5	7.005	99	626734	25.721	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	373073	25.833	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	501434	26.373	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	472694	23.971	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	229931	29.248	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	241883	29.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	489954	29.398	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	591968	27.179	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1351334	28.697	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1553864	29.967	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	251709	32.564	ng/ul	0.00
60) Fluorene-d10	15.457	176	1190810	30.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	214434	29.931	ng/ul	0.00
73) Anthracene-d10	17.310	188	1895347	30.173	ng/ul	0.00
81) Pyrene-d10	19.545	212	2445700	23.670	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2775674	31.098	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	88199	11.288	ng/uL	96
5) Pyridine	3.693	79	576077	29.890	ng/ul	99
6) Benzaldehyde	6.975	77	322604	25.643	ng/ul	98
8) Phenol	7.034	94	669073	28.000	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.263	93	547732	27.911	ng/ul	99
12) 2-Chlorophenol	7.399	128	536799	27.896	ng/ul	96
13) 2-Methylphenol	8.281	108	485022	26.513	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.369	45	627021	25.181	ng/ul	97
16) Acetophenone	8.657	105	763621	25.984	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	360685	22.310	ng/ul	98
18) 4-Methylphenol	8.610	108	520317	26.047	ng/ul	98
19) Hexachloroethane	8.910	117	229173	29.050	ng/ul	89
22) Nitrobenzene	9.040	77	572961	29.976	ng/ul	96
23) Isophorone	9.563	82	1015870	26.067	ng/ul	99
25) 2-Nitrophenol	9.746	139	271258	31.083	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	468395	27.443	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.051	93	672302	27.325	ng/ul	100
29) 2,4-Dichlorophenol	10.275	162	499223	31.098	ng/ul	98
30) Naphthalene	10.681	128	1616915	30.176	ng/ul	99
32) 4-Chloroaniline	10.793	127	501591	24.162	ng/ul	100
33) Hexachlorobutadiene	10.963	225	373513	34.742	ng/ul	99
34) Caprolactam	11.575	113	148587	30.186	ng/ul	92
35) 4-Chloro-3-methylphenol	11.922	107	482157	26.811	ng/ul	96
36) 2-Methylnaphthalene	12.287	142	1085211	28.588	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	1055213	27.526	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	656763	34.309	ng/ul	97
40) Hexachlorocyclopentadiene	12.634	237	348057	30.676	ng/ul	98
41) 2,4,6-Trichlorophenol	12.898	196	389590	31.637	ng/ul	100
42) 2,4,5-Trichlorophenol	12.969	196	429079	32.140	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	1425182	31.232	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	1147671	31.844	ng/ul	98
45) 2-Nitroaniline	13.551	65	286294	29.303	ng/ul	95
47) Dimethylphthalate	13.928	163	1422963	30.698	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	278119	31.757	ng/ul	95
50) Acenaphthylene	14.187	152	1823157	31.272	ng/ul	99
51) 3-Nitroaniline	14.375	138	275727	31.540	ng/ul	96
52) Acenaphthene	14.528	153	1202999	31.209	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	133073	28.671	ng/ul	95
55) 4-Nitrophenol	14.687	109	199227	34.115	ng/ul	94
56) Dibenzofuran	14.863	168	1694893	31.636	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	413259	33.547	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.087	232	357818	31.952	ng/ul	96
59) Diethylphthalate	15.292	149	1384825	30.530	ng/ul	99
61) Fluorene	15.510	166	1360226	32.087	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	730956	32.877	ng/ul	94
63) 4-Nitroaniline	15.539	138	304733	36.590	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	242283	31.631	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	1178621	29.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	468891	31.084	ng/ul	94
69) Hexachlorobenzene	16.510	284	552105	32.782	ng/ul	98
70) Atrazine	16.681	200	288878	24.541	ng/ul	96
71) Pentachlorophenol	16.857	266	322993	32.247	ng/ul	99
72) Phenanthrene	17.251	178	2305459	31.948	ng/ul	100
74) Anthracene	17.345	178	2328263	32.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	650271	31.475	ng/uL	99
76) Pentachlorobenzene	14.781	250	638217	31.448	ng/uL	99
77) Carbazole	17.616	167	2119107	36.758	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2451668	31.938	ng/ul	99
80) Fluoranthene	19.222	202	2972872	24.341	ng/ul	97
82) Pyrene	19.575	202	3114247	25.275	ng/ul	96
83) Butylbenzylphthalate	20.451	149	1191263	26.410	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	1063623	32.974	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3401392	31.570	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1747633	28.189	ng/ul	99
87) Chrysene	21.333	228	3176403	32.014	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	3122342	27.936	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	3570098	31.631	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	3498454	32.036	ng/ul	99
93) Benzo(a)pyrene	23.557	252	3357414	32.555	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.115	276	4229849	34.328	ng/ul	97
95) Dibenzo(a,h)anthracene	26.133	278	3531175	34.450	ng/ul	97
96) Benzo(g,h,i)perylene	26.862	276	3399178	34.279	ng/ul	96

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

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