Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018877.D
Acq On : 15 Dec 2023 12:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020728

Quant Time: Dec 15 13:58:43 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	7.822	152	324129	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.616	136	1177428	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.463	164	692594	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1572737	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1426594	20.000	ng/ul	# 0.00
88) Perylene-d12	23.668	264	2129584	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	74139	7.795	ng/uL	0.00
4) Pyridine-d5	3.669	84	496843	19.501	ng/ul	0.00
7) Phenol-d5	6.993	99	577524	17.755	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	340383	17.656	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.352	132	458144	18.051	ng/ul	-0.01
15) 4-Methylphenol-d8	8.540	113	426411	16.199	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	203738	19.442	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	215874	19.869	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.240	165	430658	19.385	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.763	131	541690	18.657	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1123088	18.169	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1312570	19.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	210507	20.746	ng/ul	0.00
60) Fluorene-d10	15.451	176	1012077	19.505	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	171024	18.136	ng/ul	0.00
73) Anthracene-d10	17.310	188	1610316	19.476	ng/ul	0.00
81) Pyrene-d10	19.551	212	1623295	14.618	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	2130366	17.157	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	79290	7.602	ng/uL	97
5) Pyridine	3.687	79	506663	19.693	ng/ul	97
6) Benzaldehyde	6.963	77	295064	17.570	ng/ul	95
8) Phenol	7.022	94	576728	18.080	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.252	93	470176	17.948	ng/ul	99
12) 2-Chlorophenol	7.387	128	459885	17.903	ng/ul	98
13) 2-Methylphenol	8.269	108	412800	16.904	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	540971	16.275	ng/ul	98
16) Acetophenone	8.646	105	648609	16.533	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.634	70	301046	13.949	ng/ul	99
18) 4-Methylphenol	8.599	108	438070	16.428	ng/ul	99
19) Hexachloroethane	8.899	117	193272	18.353	ng/ul	89
22) Nitrobenzene	9.028	77	486246	19.084	ng/ul	97
23) Isophorone	9.551	82	835626	16.085	ng/ul	99
25) 2-Nitrophenol	9.734	139	228411	19.635	ng/ul	99
26) 2,4-Dimethylphenol	9.799	107	397283	17.462	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.040	93	565901	17.255	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	408489	19.089	ng/ul	96
30) Naphthalene	10.669	128	1362368	19.074	ng/ul	100
32) 4-Chloroaniline	10.787	127	521470	18.844	ng/ul	100
33) Hexachlorobutadiene	10.951	225	314330	21.933	ng/ul	98
34) Caprolactam	11.569	113	84439	12.869	ng/ul	90
35) 4-Chloro-3-methylphenol	11.916	107	398868	16.639	ng/ul	98
36) 2-Methylnaphthalene	12.281	142	892706	17.642	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	897358	17.560	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	541844	21.563	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	278351	18.689	ng/ul	99
41) 2,4,6-Trichlorophenol	12.892	196	323848	20.034	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	342687	19.554	ng/ul	98
43) 1,1'-Biphenyl	13.292	154	1167436	19.490	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	948419	20.047	ng/ul	97
45) 2-Nitroaniline	13.545	65	230128	17.943	ng/ul	97
47) Dimethylphthalate	13.922	163	1106785	18.189	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	215041	18.706	ng/ul	94
50) Acenaphthylene	14.181	152	1473197	19.250	ng/ul	100
51) 3-Nitroaniline	14.369	138	224380	19.553	ng/ul	99
52) Acenaphthene	14.522	153	981595	19.399	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	100673	16.523	ng/ul	99
55) 4-Nitrophenol	14.681	109	159219	20.770	ng/ul	97
56) Dibenzofuran	14.857	168	1375025	19.552	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	314545	19.451	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	296180	20.148	ng/ul	94
59) Diethylphthalate	15.292	149	1068454	17.944	ng/ul	99
61) Fluorene	15.510	166	1102262	19.808	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	578778	19.831	ng/ul	94
63) 4-Nitroaniline	15.534	138	229595	21.001	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	182563	18.108	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	928237	17.811	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	368948	18.582	ng/ul	95
69) Hexachlorobenzene	16.510	284	433702	19.564	ng/ul	98
70) Atrazine	16.680	200	270451	17.455	ng/ul	98
71) Pentachlorophenol	16.863	266	268145	20.338	ng/ul	99
72) Phenanthrene	17.251	178	1822973	19.192	ng/ul	99
74) Anthracene	17.345	178	1860877	19.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	533171	19.606	ng/uL	99
76) Pentachlorobenzene	14.775	250	509547	19.075	ng/uL	99
77) Carbazole	17.622	167	1667000	21.968	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1683518	16.662	ng/ul	100
80) Fluoranthene	19.222	202	1811326	13.799	ng/ul	96
82) Pyrene	19.580	202	1901554	14.360	ng/ul#	92
83) Butylbenzylphthalate	20.457	149	734050	15.142	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	687493	19.831	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2191645	18.927	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1087931	16.328	ng/ul	100
87) Chrysene	21.339	228	2007175	18.823	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1985330	12.769	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2387306	15.204	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	2383763	15.691	ng/ul	98
93) Benzo(a)pyrene	23.563	252	2531638	17.646	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.121	276	3430537	20.013	ng/ul	96
95) Dibenzo(a,h)anthracene	26.145	278	2863495	20.081	ng/ul	97
96) Benzo(g,h,i)perylene	26.880	276	2751588	19.946	ng/ul	97

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

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