Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018414.D
Acq On : 27 Nov 2023 22:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020697

Quant Time: Nov 28 00:16:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 00:18:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	412449	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1557819	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	834558	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1468119	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1492290	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1759460	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	84919	7.711	ng/uL	0.00
4) Pyridine-d5	3.687	84	558812	18.465	ng/ul	0.00
7) Phenol-d5	7.022	99	681624	18.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	401163	17.798	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	585364	18.496	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	546712	17.972	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	270786	21.401	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	259669	22.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	560508	19.881	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	729704	19.191	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1385393	18.656	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1667060	19.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	179171	17.477	ng/ul	0.00
60) Fluorene-d10	15.487	176	1150706	18.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	123854	19.818	ng/ul	0.00
73) Anthracene-d10	17.345	188	1556968	19.842	ng/ul	0.00
81) Pyrene-d10	19.592	212	1761107	14.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	2015949	19.763	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	90095	7.630	ng/uL#	89
5) Pyridine	3.705	79	556884	18.263	ng/ul	93
6) Benzaldehyde	6.999	77	396953	19.901	ng/ul	93
8) Phenol	7.052	94	672096	18.177	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.287	93	578743	18.791	ng/ul	97
12) 2-Chlorophenol	7.422	128	593853	18.704	ng/ul	95
13) 2-Methylphenol	8.305	108	517412	17.966	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	692094	15.809	ng/ul	95
16) Acetophenone	8.687	105	838728	18.019	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.675	70	375879	14.456	ng/ul	92
18) 4-Methylphenol	8.634	108	552819	17.975	ng/ul	99
19) Hexachloroethane	8.940	117	248095	18.711	ng/ul	94
22) Nitrobenzene	9.063	77	574460	19.379	ng/ul	94
23) Isophorone	9.593	82	1092843	16.541	ng/ul	97
25) 2-Nitrophenol	9.775	139	291001	22.133	ng/ul	91
26) 2,4-Dimethylphenol	9.840	107	521499	17.667	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	735087	18.422	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	539001	19.959	ng/ul	97
30) Naphthalene	10.710	128	1853350	19.671	ng/ul	99
32) 4-Chloroaniline	10.822	127	691362	19.268	ng/ul	99
33) Hexachlorobutadiene	10.999	225	419633	22.783	ng/ul	99
34) Caprolactam	11.587	113	112869	14.503	ng/ul	87
35) 4-Chloro-3-methylphenol	11.946	107	455846	15.788	ng/ul	94
36) 2-Methylnaphthalene	12.322	142	1221398	18.317	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1219861	18.174	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	708212	24.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	358959	21.503	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	384081	21.698	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	404456	21.130	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	1546948	21.275	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	1230672	21.384	ng/ul	98
45) 2-Nitroaniline	13.575	65	214371	17.311	ng/ul	88
47) Dimethylphthalate	13.957	163	1364272	18.776	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	235799	19.249	ng/ul	89
50) Acenaphthylene	14.216	152	1858447	19.704	ng/ul	99
51) 3-Nitroaniline	14.398	138	232564	19.108	ng/ul#	93
52) Acenaphthene	14.557	153	1207678	19.601	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	83299	19.491	ng/ul	97
55) 4-Nitrophenol	14.704	109	140767	18.534	ng/ul	94
56) Dibenzofuran	14.892	168	1636534	19.429	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	309906	18.721	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.116	232	295745	19.674	ng/ul	96
59) Diethylphthalate	15.322	149	1227435	16.817	ng/ul	99
61) Fluorene	15.539	166	1252890	18.239	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	669707	19.200	ng/ul	97
63) 4-Nitroaniline	15.557	138	216391	18.839	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.616	198	136904	19.751	ng/ul#	97
67) N-Nitrosodiphenylamine	15.751	169	1013785	20.363	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	373873	20.170	ng/ul	94
69) Hexachlorobenzene	16.545	284	451108	21.769	ng/ul#	92
70) Atrazine	16.710	200	290930	19.142	ng/ul	98
71) Pentachlorophenol	16.892	266	230508	21.649	ng/ul	97
72) Phenanthrene	17.286	178	1791283	20.059	ng/ul	100
74) Anthracene	17.381	178	1789689	19.855	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	684979	27.144	ng/uL	99
76) Pentachlorobenzene	14.810	250	598487	24.415	ng/uL	98
77) Carbazole	17.651	167	1547727	21.194	ng/ul	99
78) Di-n-butylphthalate	18.216	149	1687178	16.610	ng/ul	100
80) Fluoranthene	19.269	202	2019440	14.233	ng/ul	97
82) Pyrene	19.622	202	2142766	14.998	ng/ul	97
83) Butylbenzylphthalate	20.533	149	697542	13.193	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.316	252	715146	19.814	ng/ul	99
85) Benzo(a)anthracene	21.369	228	2385745	19.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1083215	13.655	ng/ul#	100
87) Chrysene	21.422	228	2183330	19.728	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1790781	13.825	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2532280	19.815	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2371288	18.639	ng/ul	99
93) Benzo(a)pyrene	23.792	252	2335451	19.871	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	2767321	20.363	ng/ul	97
95) Dibenzo(a,h)anthracene	26.751	278	2306764	20.734	ng/ul	99
96) Benzo(g,h,i)perylene	27.521	276	2271736	20.641	ng/ul	98

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

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