Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018951.D
Acq On : 20 Dec 2023 09:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020736

Quant Time: Dec 20 21:45:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	179362	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.622	136	661015	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	410826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	920087	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	948837	20.000	ng/ul	-0.01
88) Perylene-d12	23.669	264	1151649	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	40338	7.664	ng/uL	0.00
4) Pyridine-d5	3.675	84	283772	20.128	ng/ul	0.00
7) Phenol-d5	7.005	99	343916	19.107	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.164	67	195851	18.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	269397	19.181	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	260002	17.849	ng/ul	-0.01
21) Nitrobenzene-d5	8.987	128	124755	21.205	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.710	143	139313	22.840	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	267914	21.481	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.763	131	328348	20.144	ng/ul	-0.01
46) Dimethylphthalate-d6	13.881	166	749350	20.437	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	847758	20.997	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	130600	21.699	ng/ul	-0.01
60) Fluorene-d10	15.457	176	643721	20.915	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	123550	22.395	ng/ul	-0.01
73) Anthracene-d10	17.310	188	1015084	20.986	ng/ul	0.00
81) Pyrene-d10	19.551	212	1231307	16.671	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	1377183	20.509	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	44710	7.746	ng/uL	93
5) Pyridine	3.693	79	289512	20.335	ng/ul	97
6) Benzaldehyde	6.969	77	189242	20.363	ng/ul	97
8) Phenol	7.028	94	337216	19.104	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.258	93	271859	18.753	ng/ul	99
12) 2-Chlorophenol	7.393	128	274552	19.315	ng/ul	96
13) 2-Methylphenol	8.275	108	251093	18.581	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	309751	16.840	ng/ul	98
16) Acetophenone	8.652	105	396550	18.266	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.640	70	189547	15.871	ng/ul	97
18) 4-Methylphenol	8.605	108	262100	17.762	ng/ul	100
19) Hexachloroethane	8.899	117	113105	19.409	ng/ul	89
22) Nitrobenzene	9.028	77	290344	20.298	ng/ul	99
23) Isophorone	9.557	82	539123	18.485	ng/ul	98
25) 2-Nitrophenol	9.740	139	143985	22.047	ng/ul	98
26) 2,4-Dimethylphenol	9.805	107	253940	19.881	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.040	93	338057	18.360	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	256450	21.347	ng/ul	98
30) Naphthalene	10.669	128	825864	20.595	ng/ul	100
32) 4-Chloroaniline	10.787	127	317555	20.441	ng/ul	99
33) Hexachlorobutadiene	10.952	225	194740	24.204	ng/ul	100
34) Caprolactam	11.575	113	83023	22.538	ng/ul	92
35) 4-Chloro-3-methylphenol	11.922	107	253817	18.860	ng/ul	99
36) 2-Methylnaphthalene	12.281	142	558918	19.674	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	561504	19.572	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	343450	23.042	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	150278	17.010	ng/ul	96
41) 2,4,6-Trichlorophenol	12.898	196	213185	22.233	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	221928	21.349	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	739863	20.823	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	601301	21.427	ng/ul	98
45) 2-Nitroaniline	13.551	65	150137	19.735	ng/ul	94
47) Dimethylphthalate	13.922	163	737765	20.441	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	147012	21.559	ng/ul	96
50) Acenaphthylene	14.181	152	947652	20.876	ng/ul	100
51) 3-Nitroaniline	14.375	138	145919	21.436	ng/ul	99
52) Acenaphthene	14.522	153	625887	20.853	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	78134	21.620	ng/ul	94
55) 4-Nitrophenol	14.693	109	100945	22.200	ng/ul	94
56) Dibenzofuran	14.863	168	883507	21.180	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	213005	22.206	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	197023	22.595	ng/ul	91
59) Diethylphthalate	15.287	149	717709	20.321	ng/ul	100
61) Fluorene	15.510	166	714793	21.655	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	382920	22.119	ng/ul	94
63) 4-Nitroaniline	15.540	138	144401	22.268	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.598	198	130481	22.122	ng/ul	92
67) N-Nitrosodiphenylamine	15.722	169	606531	19.894	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	243082	20.927	ng/ul	93
69) Hexachlorobenzene	16.516	284	287681	22.182	ng/ul	97
70) Atrazine	16.681	200	167772	18.509	ng/ul	100
71) Pentachlorophenol	16.863	266	172433	22.356	ng/ul	100
72) Phenanthrene	17.257	178	1149487	20.686	ng/ul	100
74) Anthracene	17.345	178	1181738	21.216	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	341747	21.481	ng/uL	98
76) Pentachlorobenzene	14.781	250	337293	21.583	ng/uL	99
77) Carbazole	17.622	167	1046682	23.578	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1236783	20.923	ng/ul	99
80) Fluoranthene	19.228	202	1399788	16.033	ng/ul	97
82) Pyrene	19.580	202	1470586	16.697	ng/ul	94
83) Butylbenzylphthalate	20.457	149	570628	17.698	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	510504	22.140	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1569409	20.378	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	834077	18.821	ng/ul	99
87) Chrysene	21.339	228	1460700	20.596	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	1453315	17.284	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	1691563	19.921	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	1576487	19.189	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1562570	20.140	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	2007335	21.654	ng/ul	96
95) Dibenzo(a,h)anthracene	26.145	278	1671888	21.681	ng/ul	97
96) Benzo(g,h,i)perylene	26.886	276	1625306	21.786	ng/ul#	94

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

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