Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018272.D
Acq On : 22 Nov 2023 12:11
Operator : MA/JU
Sample : SSTD04061
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040627

Quant Time: Nov 22 13:59:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 13:53:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	402410	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1758234	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	1095412	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	2213386	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1344867	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1268959	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	170088	15.831	ng/uL	0.00
4) Pyridine-d5	3.687	84	1246802	42.227	ng/ul	0.00
7) Phenol-d5	7.040	99	1570288	42.698	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	937290	42.621	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	1264369	40.948	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	1292755	43.558	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	610277	42.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	599446	45.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	1301283	40.895	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	1849851	43.104	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	3865854	39.662	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	4441175	39.988	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	584893	43.468	ng/ul	0.00
60) Fluorene-d10	15.510	176	3212394	39.403	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	410184	43.533	ng/ul	0.00
73) Anthracene-d10	17.363	188	4714232	39.848	ng/ul	0.00
81) Pyrene-d10	19.598	212	4683967	43.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	3029220	41.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	182712	15.859	ng/uL	97
5) Pyridine	3.711	79	1255642	42.207	ng/ul	100
6) Benzaldehyde	7.017	77	875459	44.984	ng/ul	99
8) Phenol	7.069	94	1558343	43.198	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.311	93	1286105	42.800	ng/ul	99
12) 2-Chlorophenol	7.440	128	1258712	40.633	ng/ul	99
13) 2-Methylphenol	8.322	108	1221672	43.478	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	1844478	43.182	ng/ul	99
16) Acetophenone	8.711	105	1972310	43.429	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.705	70	986866	38.900	ng/ul	99
18) 4-Methylphenol	8.658	108	1312549	43.743	ng/ul	98
19) Hexachloroethane	8.963	117	522755	40.408	ng/ul	99
22) Nitrobenzene	9.087	77	1382022	41.307	ng/ul	99
23) Isophorone	9.616	82	2921598	39.179	ng/ul	100
25) 2-Nitrophenol	9.799	139	662946	44.675	ng/ul	97
26) 2,4-Dimethylphenol	9.863	107	1413220	42.418	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.105	93	1788042	39.703	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	1238681	40.640	ng/ul	100
30) Naphthalene	10.734	128	4220116	39.685	ng/ul	100
32) 4-Chloroaniline	10.846	127	1753617	43.302	ng/ul	99
33) Hexachlorobutadiene	11.022	225	834068	40.122	ng/ul	99
34) Caprolactam	11.610	113	226297	25.802	ng/ul	99
35) 4-Chloro-3-methylphenol	11.963	107	1296152	39.773	ng/ul	99
36) 2-Methylnaphthalene	12.346	142	2959034	39.317	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	2950560	38.948	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	1590857	41.120	ng/ul	98
40) Hexachlorocyclopentadiene	12.693	237	928138	42.358	ng/ul	100
41) 2,4,6-Trichlorophenol	12.946	196	980231	42.190	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	1055539	42.014	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	3830568	40.135	ng/ul	99
44) 2-Chloronaphthalene	13.393	162	3048023	40.350	ng/ul	100
45) 2-Nitroaniline	13.593	65	721190	44.370	ng/ul	97
47) Dimethylphthalate	13.981	163	3793070	39.772	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	716802	44.581	ng/ul	95
50) Acenaphthylene	14.234	152	4942256	39.922	ng/ul	99
51) 3-Nitroaniline	14.416	138	699329	43.775	ng/ul	98
52) Acenaphthene	14.581	153	3211415	39.710	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	237023	42.253	ng/ul	98
55) 4-Nitrophenol	14.722	109	423557	42.488	ng/ul	98
56) Dibenzofuran	14.916	168	4348922	39.335	ng/ul	99
57) 2,4-Dinitrotoluene	14.875	165	983348	45.257	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.134	232	833218	42.229	ng/ul	99
59) Diethylphthalate	15.351	149	3774976	39.404	ng/ul	100
61) Fluorene	15.563	166	3492181	38.732	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	1797348	39.257	ng/ul	99
63) 4-Nitroaniline	15.581	138	660071	43.780	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.640	198	459213	43.944	ng/ul	98
67) N-Nitrosodiphenylamine	15.775	169	3026912	40.328	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	1145449	40.989	ng/ul	97
69) Hexachlorobenzene	16.563	284	1260919	40.360	ng/ul	97
70) Atrazine	16.734	200	1019478	44.492	ng/ul	100
71) Pentachlorophenol	16.904	266	685539	42.706	ng/ul	99
72) Phenanthrene	17.310	178	5339209	39.658	ng/ul	99
74) Anthracene	17.398	178	5384828	39.625	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.316	216	1592562	41.859	ng/uL	99
76) Pentachlorobenzene	14.828	250	1508960	40.830	ng/uL	98
77) Carbazole	17.669	167	4626153	42.019	ng/ul	99
78) Di-n-butylphthalate	18.239	149	6129076	40.023	ng/ul	100
80) Fluoranthene	19.275	202	5625264	43.993	ng/ul	99
82) Pyrene	19.628	202	5610366	43.573	ng/ul	99
83) Butylbenzylphthalate	20.522	149	2140226	44.916	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.286	252	1358840	41.775	ng/ul	99
85) Benzo(a)anthracene	21.345	228	4397896	40.126	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	2986593	41.776	ng/ul	99
87) Chrysene	21.398	228	3995469	40.060	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	4179668	44.740	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3646224	39.559	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	3691028	40.227	ng/ul	100
93) Benzo(a)pyrene	23.680	252	3473900	40.983	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	4457693	45.481	ng/ul	100
95) Dibenzo(a,h)anthracene	26.368	278	3636484	45.321	ng/ul	99
96) Benzo(g,h,i)perylene	27.115	276	3657992	46.084	ng/ul	99

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

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