Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014940.D
Acq On : 03 May 2023 21:24
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020694

Quant Time: May 04 06:21:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 23:33:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	243128	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	937617	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	527509	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1102817	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1062237	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1274300	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	59186	9.051	ng/uL	0.00
4) Pyridine-d5	3.899	84	369367	20.666	ng/ul	0.00
7) Phenol-d5	7.305	99	446307	21.173	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	269665	20.698	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	351670	22.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	330113	20.322	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	158207	23.725	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	168838	24.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	319581	23.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	420477	21.621	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	824691	22.089	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	1016479	22.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	147482	22.707	ng/ul	0.00
60) Fluorene-d10	15.798	176	731437	22.772	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	122746	19.772	ng/ul	0.00
73) Anthracene-d10	17.663	188	1125057	22.705	ng/ul	0.00
81) Pyrene-d10	19.880	212	1309537	18.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	1411758	22.738	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	64027	9.038	ng/uL	98
5) Pyridine	3.922	79	406279	21.835	ng/ul	96
6) Benzaldehyde	7.293	77	129675	22.501	ng/ul	100
8) Phenol	7.334	94	466969	21.101	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.575	93	377154	20.504	ng/ul	99
12) 2-Chlorophenol	7.722	128	373961	22.272	ng/ul	99
13) 2-Methylphenol	8.605	108	340308	20.623	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.699	45	460996	19.759	ng/ul	99
16) Acetophenone	8.999	105	538355	20.269	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.981	70	262859	19.419	ng/ul	99
18) 4-Methylphenol	8.940	108	367211	20.130	ng/ul	100
19) Hexachloroethane	9.263	117	160455	22.026	ng/ul	97
22) Nitrobenzene	9.387	77	397254	22.672	ng/ul	98
23) Isophorone	9.910	82	742866	21.452	ng/ul	99
25) 2-Nitrophenol	10.104	139	186441	23.675	ng/ul	98
26) 2,4-Dimethylphenol	10.157	107	384840	22.518	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.399	93	466362	21.066	ng/ul	99
29) 2,4-Dichlorophenol	10.640	162	322459	23.187	ng/ul	99
30) Naphthalene	11.051	128	1132717	21.978	ng/ul	100
32) 4-Chloroaniline	11.157	127	442640	21.811	ng/ul	99
33) Hexachlorobutadiene	11.334	225	213495	23.792	ng/ul	99
34) Caprolactam	11.922	113	93995	21.940	ng/ul	97
35) 4-Chloro-3-methylphenol	12.263	107	324959	22.730	ng/ul	99
36) 2-Methylnaphthalene	12.646	142	701716	22.017	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	711534	21.658	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	378993	23.033	ng/ul	99
40) Hexachlorocyclopentadiene	12.993	237	219953	19.824	ng/ul	99
41) 2,4,6-Trichlorophenol	13.245	196	242232	23.891	ng/ul	97
42) 2,4,5-Trichlorophenol	13.316	196	261921	23.968	ng/ul	98
43) 1,1'-Biphenyl	13.645	154	927252	21.987	ng/ul	100
44) 2-Chloronaphthalene	13.693	162	737174	22.440	ng/ul	98
45) 2-Nitroaniline	13.887	65	183138	23.940	ng/ul	99
47) Dimethylphthalate	14.257	163	856951	21.829	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	166430	23.991	ng/ul	98
50) Acenaphthylene	14.534	152	1129952	22.259	ng/ul	100
51) 3-Nitroaniline	14.710	138	155513	24.776	ng/ul	98
52) Acenaphthene	14.875	153	769232	21.898	ng/ul	98
53) 2,4-Dinitrophenol	14.910	184	82278	19.487	ng/ul	98
55) 4-Nitrophenol	15.004	109	113891	23.037	ng/ul	98
56) Dibenzofuran	15.204	168	1061733	22.400	ng/ul	99
57) 2,4-Dinitrotoluene	15.163	165	241027	24.806	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.428	232	218891	24.613	ng/ul	94
59) Diethylphthalate	15.616	149	837375	22.575	ng/ul	99
61) Fluorene	15.857	166	859553	22.989	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	415579	22.712	ng/ul	96
63) 4-Nitroaniline	15.869	138	152465	29.102	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.928	198	130830	19.868	ng/ul	97
67) N-Nitrosodiphenylamine	16.057	169	718422	21.464	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	248480	21.659	ng/ul	98
69) Hexachlorobenzene	16.863	284	299462	22.160	ng/ul	96
70) Atrazine	17.010	200	256777	22.797	ng/ul	98
71) Pentachlorophenol	17.204	266	184133	23.342	ng/ul	98
72) Phenanthrene	17.610	178	1346426	22.099	ng/ul	100
74) Anthracene	17.698	178	1367974	22.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.616	216	379993	20.815	ng/uL	98
76) Pentachlorobenzene	15.128	250	364029	20.959	ng/uL	99
77) Carbazole	17.963	167	1205904	23.637	ng/ul	99
78) Di-n-butylphthalate	18.492	149	1442257	25.281	ng/ul	100
80) Fluoranthene	19.557	202	1595578	18.150	ng/ul	98
82) Pyrene	19.910	202	1697726	18.228	ng/ul	96
83) Butylbenzylphthalate	20.769	149	670853	23.990	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.551	252	377784	21.131	ng/ul	99
85) Benzo(a)anthracene	21.627	228	1632491	23.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	975768	27.732	ng/ul	99
87) Chrysene	21.686	228	1569884	21.990	ng/ul	100
89) Di-n-octyl phthalate	22.521	149	1722581	23.152	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	1767845	21.466	ng/ul	99
91) Benzo(k)fluoranthene	23.498	252	1739295	20.751	ng/ul	99
93) Benzo(a)pyrene	24.133	252	1595041	22.084	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.004	276	2164249	24.565	ng/ul	100
95) Dibenzo(a,h)anthracene	27.027	278	1776927	24.608	ng/ul	99
96) Benzo(g,h,i)perylene	27.856	276	1798851	23.990	ng/ul	98

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

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