Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP021993.D
Acq On : 24 Sep 2024 12:56
Operator : RC/JU
Sample : SSTD04040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040618

Quant Time: Sep 24 15:16:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:01:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	109847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	435557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	335992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	798120	20.000	ng/ul	0.01
79) Chrysene-d12	21.551	240	865665	20.000	ng/ul	0.01
88) Perylene-d12	24.833	264	977297	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	43074	15.360	ng/uL	0.00
4) Pyridine-d5	3.634	84	319442	39.850	ng/ul	0.00
7) Phenol-d5	6.887	99	360022	40.067	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	226046	40.854	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	272586	41.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113	294286	41.331	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	136530	41.880	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	157826	42.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	335691	41.819	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	383781	40.070	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	1065417	41.021	ng/ul	0.01
49) Acenaphthylene-d8	14.016	160	1147631	41.734	ng/ul	0.01
54) 4-Nitrophenol-d4	14.534	143	176893	39.817	ng/ul	0.00
60) Fluorene-d10	15.334	176	913736	39.772	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	199407	40.243	ng/ul	0.02
73) Anthracene-d10	17.222	188	1506925	40.444	ng/ul	0.00
81) Pyrene-d10	19.598	212	1933148	43.104	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	2167702	42.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	46952	15.456	ng/uL	96
5) Pyridine	3.652	79	325521	39.970	ng/ul	96
6) Benzaldehyde	6.864	77	232252	45.691	ng/ul	98
8) Phenol	6.917	94	377261	40.232	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.140	93	296393	41.297	ng/ul	99
12) 2-Chlorophenol	7.281	128	278469	41.318	ng/ul	99
13) 2-Methylphenol	8.146	108	275100	40.451	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	276117	41.471	ng/ul	99
16) Acetophenone	8.522	105	489221	41.306	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.511	70	264321	43.049	ng/ul	99
18) 4-Methylphenol	8.475	108	303513	40.925	ng/ul	96
19) Hexachloroethane	8.775	117	130727	41.089	ng/ul	92
22) Nitrobenzene	8.893	77	397482	39.880	ng/ul	99
23) Isophorone	9.416	82	728527	42.199	ng/ul	99
25) 2-Nitrophenol	9.593	139	170798	43.186	ng/ul	98
26) 2,4-Dimethylphenol	9.658	107	360561	40.244	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.887	93	418140	42.017	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	331197	41.529	ng/ul	99
30) Naphthalene	10.522	128	914362	39.897	ng/ul	100
32) 4-Chloroaniline	10.628	127	384513	40.536	ng/ul	98
33) Hexachlorobutadiene	10.810	225	279150	39.424	ng/ul	96
34) Caprolactam	11.410	113	97198	40.232	ng/ul	93
35) 4-Chloro-3-methylphenol	11.757	107	362088	41.967	ng/ul	97
36) 2-Methylnaphthalene	12.134	142	707861	41.562	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.352	142	703515	40.957	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	511814	41.086	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	326101	41.617	ng/ul	96
41) 2,4,6-Trichlorophenol	12.746	196	322457	43.301	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	344329	42.699	ng/ul	99
43) 1,1'-Biphenyl	13.146	154	986973	41.078	ng/ul	100
44) 2-Chloronaphthalene	13.187	162	808815	41.809	ng/ul	99
45) 2-Nitroaniline	13.393	65	243713	43.569	ng/ul	96
47) Dimethylphthalate	13.781	163	1057880	40.552	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	213702	42.732	ng/ul	99
50) Acenaphthylene	14.051	152	1183325	41.265	ng/ul	99
51) 3-Nitroaniline	14.222	138	189784	41.682	ng/ul	99
52) Acenaphthene	14.393	153	850213	40.805	ng/ul	97
53) 2,4-Dinitrophenol	14.440	184	133082	39.110	ng/ul	95
55) 4-Nitrophenol	14.546	109	199094	39.612	ng/ul	97
56) Dibenzofuran	14.734	168	1245601	40.210	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	321339	41.695	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	324560	41.811	ng/ul	100
59) Diethylphthalate	15.163	149	1044735	40.466	ng/ul	98
61) Fluorene	15.393	166	1017322	39.490	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.393	204	589596	39.753	ng/ul	99
63) 4-Nitroaniline	15.410	138	192717	41.587	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	218740	40.548	ng/ul	96
67) N-Nitrosodiphenylamine	15.598	169	868012	41.293	ng/ul	99
68) 4-Bromophenyl-phenylether	16.293	248	403757	42.126	ng/ul	98
69) Hexachlorobenzene	16.416	284	478465	41.113	ng/ul	99
70) Atrazine	16.575	200	380606	40.588	ng/ul	99
71) Pentachlorophenol	16.769	266	316354	40.743	ng/ul	98
72) Phenanthrene	17.169	178	1710642	40.879	ng/ul	99
74) Anthracene	17.257	178	1731173	40.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	527982	44.084	ng/uL	99
76) Pentachlorobenzene	14.651	250	546955	41.528	ng/uL	99
77) Carbazole	17.545	167	1521279	40.533	ng/ul	99
78) Di-n-butylphthalate	18.134	149	1788449	41.331	ng/ul	99
80) Fluoranthene	19.251	202	2213156	43.175	ng/ul	99
82) Pyrene	19.634	202	2368994	42.935	ng/ul	97
83) Butylbenzylphthalate	20.575	149	839742	43.670	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	832809	42.017	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2443843	40.964	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	1205461	42.727	ng/ul	99
87) Chrysene	21.598	228	2272729	40.592	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	2001520	41.458	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	2551936	42.064	ng/ul	100
91) Benzo(k)fluoranthene	23.857	252	2517799	41.684	ng/ul	99
93) Benzo(a)pyrene	24.680	252	2336795	41.802	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.557	276	2992620	41.051	ng/ul	98
95) Dibenzo(a,h)anthracene	28.639	278	2413700	41.107	ng/ul	98
96) Benzo(g,h,i)perylene	29.727	276	2340984	41.391	ng/ul	99

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

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