Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021685.D
Acq On : 28 Aug 2024 01:35
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020744

Quant Time: Aug 28 02:50:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	302987	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1261745	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	832174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1826628	20.000	ng/ul	-0.02
79) Chrysene-d12	21.680	240	1857430	20.000	ng/ul	-0.01
88) Perylene-d12	25.086	264	2157325	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	75410	8.263	ng/uL	0.00
4) Pyridine-d5	3.687	84	543817	20.601	ng/ul	0.00
7) Phenol-d5	6.958	99	641533	19.840	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	354003	20.117	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	427572	20.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	497104	19.895	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	208057	20.496	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	209312	20.313	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	418707	20.620	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	598922	20.274	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1266506	19.890	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1462162	20.452	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	251461	20.757	ng/ul	0.00
60) Fluorene-d10	15.439	176	1093782	20.432	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	167921	16.714	ng/ul	-0.01
73) Anthracene-d10	17.328	188	1768975	20.406	ng/ul	-0.02
81) Pyrene-d10	19.698	212	2122592	19.991	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.851	264	2312875	20.106	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	77475	7.988	ng/uL	95
5) Pyridine	3.705	79	542854	20.580	ng/ul	100
6) Benzaldehyde	6.934	77	406054	24.552	ng/ul	99
8) Phenol	6.987	94	676053	20.052	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	526997	20.109	ng/ul	99
12) 2-Chlorophenol	7.358	128	448883	20.487	ng/ul	98
13) 2-Methylphenol	8.228	108	484961	19.939	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	513997	20.320	ng/ul	98
16) Acetophenone	8.605	105	805494	20.109	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	378640	20.030	ng/ul	99
18) 4-Methylphenol	8.552	108	540063	20.281	ng/ul	97
19) Hexachloroethane	8.869	117	197391	20.148	ng/ul	96
22) Nitrobenzene	8.981	77	586483	20.719	ng/ul	100
23) Isophorone	9.510	82	1113961	19.612	ng/ul	100
25) 2-Nitrophenol	9.693	139	236870	20.748	ng/ul	98
26) 2,4-Dimethylphenol	9.752	107	580861	20.730	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.987	93	705265	19.798	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	418336	20.502	ng/ul	97
30) Naphthalene	10.628	128	1441315	20.268	ng/ul	99
32) 4-Chloroaniline	10.728	127	610333	20.464	ng/ul	98
33) Hexachlorobutadiene	10.916	225	273541	19.980	ng/ul	99
34) Caprolactam	11.504	113	166879	19.341	ng/ul	99
35) 4-Chloro-3-methylphenol	11.857	107	564957	20.920	ng/ul	100
36) 2-Methylnaphthalene	12.240	142	972237	20.213	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	989342	20.450	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	530246	20.217	ng/ul	98
40) Hexachlorocyclopentadiene	12.593	237	246377	16.371	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	345697	20.471	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	388593	21.311	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1280103	20.332	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1002196	20.302	ng/ul	99
45) 2-Nitroaniline	13.493	65	327519	21.178	ng/ul	97
47) Dimethylphthalate	13.881	163	1262139	19.795	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	245237	20.855	ng/ul	98
50) Acenaphthylene	14.151	152	1588684	20.662	ng/ul	100
51) 3-Nitroaniline	14.328	138	290675	22.621	ng/ul	97
52) Acenaphthene	14.498	153	1101863	20.378	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	110726	15.729	ng/ul	97
55) 4-Nitrophenol	14.640	109	237636	21.423	ng/ul	95
56) Dibenzofuran	14.834	168	1534727	20.516	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	374407	21.189	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	324662	20.666	ng/ul	98
59) Diethylphthalate	15.269	149	1280251	19.996	ng/ul	99
61) Fluorene	15.492	166	1251695	20.688	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	613046	20.165	ng/ul	98
63) 4-Nitroaniline	15.504	138	309773	24.944	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.569	198	193898	17.254	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	1083332	20.161	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	389800	19.330	ng/ul	97
69) Hexachlorobenzene	16.522	284	473399	19.775	ng/ul	98
70) Atrazine	16.681	200	408884	20.060	ng/ul	100
71) Pentachlorophenol	16.869	266	301387	19.672	ng/ul	98
72) Phenanthrene	17.269	178	2001561	19.959	ng/ul	99
74) Anthracene	17.369	178	2081458	20.488	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	546437	20.121	ng/uL	97
76) Pentachlorobenzene	14.757	250	541725	19.245	ng/uL	98
77) Carbazole	17.645	167	1937741	21.206	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2172295	19.531	ng/ul	100
80) Fluoranthene	19.351	202	2501833	20.192	ng/ul	99
82) Pyrene	19.727	202	2631831	20.056	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1026427	19.104	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.580	252	867783	18.539	ng/ul	99
85) Benzo(a)anthracene	21.657	228	2657774	20.115	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	1490692	18.798	ng/ul	100
87) Chrysene	21.727	228	2497022	20.081	ng/ul	99
89) Di-n-octyl phthalate	22.916	149	2515894	18.424	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	2719451	20.146	ng/ul	98
91) Benzo(k)fluoranthene	24.080	252	2699900	20.431	ng/ul	99
93) Benzo(a)pyrene	24.933	252	2529066	20.336	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.945	276	3205630	19.992	ng/ul	99
95) Dibenzo(a,h)anthracene	29.039	278	2592012	20.116	ng/ul	99
96) Benzo(g,h,i)perylene	30.150	276	2501624	20.192	ng/ul	100

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

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