Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
Data File : BP021178.D
Acq On : 26 Jul 2024 20:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020709

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 07/29/2024

Quant Time: Jul 26 23:28:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	163834	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	656043	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.287	164	438393	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	943044	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	921667	20.000	ng/ul	0.00
88) Perylene-d12	24.868	264	1073146	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	28371	7.880	ng/uL	0.00
4) Pyridine-d5	3.599	84	197739	18.971	ng/ul	0.00
7) Phenol-d5	6.858	99	252959	18.938	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67	152912	18.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	209450	19.032	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	204719	18.454	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	103250	20.263	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	116987	20.059	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	210954	20.003	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.569	131	282274	20.204	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	633811	19.888	ng/ul	-0.01
49) Acenaphthylene-d8	13.975	160	714312	19.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	106253	23.433	ng/ul	0.00
60) Fluorene-d10	15.298	176	530410	20.287	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	106990	18.751	ng/ul	0.00
73) Anthracene-d10	17.204	188	842188	20.107	ng/ul	0.00
81) Pyrene-d10	19.598	212	991749	17.405	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.639	264	1046265	19.768	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	31491	7.953	ng/uL	97
5) Pyridine	3.617	79	206333	19.192	ng/ul	99
6) Benzaldehyde	6.810	77	155920	23.155	ng/ul	96
8) Phenol	6.887	94	251957	18.642	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.081	93	208567	18.680	ng/ul	98
12) 2-Chlorophenol	7.222	128	212841	19.297	ng/ul	99
13) 2-Methylphenol	8.110	108	196924	18.839	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.157	45	301831	18.711	ng/ul	96
16) Acetophenone	8.469	105	325772	19.027	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.446	70	164096	18.291	ng/ul	99
18) 4-Methylphenol	8.440	108	209468	18.705	ng/ul	92
19) Hexachloroethane	8.693	117	94242	19.014	ng/ul	97
22) Nitrobenzene	8.852	77	243136	19.919	ng/ul	98
23) Isophorone	9.357	82	465316	19.175	ng/ul	99
25) 2-Nitrophenol	9.552	139	122545	20.147	ng/ul	98
26) 2,4-Dimethylphenol	9.622	107	239263	19.948	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	284672	19.299	ng/ul	99
29) 2,4-Dichlorophenol	10.087	162	207087	19.925	ng/ul	99
30) Naphthalene	10.457	128	685488	19.864	ng/ul	99
32) 4-Chloroaniline	10.593	127	270544	20.279	ng/ul	98
33) Hexachlorobutadiene	10.722	225	154315	19.802	ng/ul	98
34) Caprolactam	11.416	113	65768	20.542	ng/ul	98
35) 4-Chloro-3-methylphenol	11.751	107	226950	20.089	ng/ul	99
36) 2-Methylnaphthalene	12.081	142	468139	19.763	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	479172	19.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	284718	19.998	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	148992	20.005	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	171916	19.110	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	180318	18.944	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	617424	19.271	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	495959	19.391	ng/ul	99
45) 2-Nitroaniline	13.375	65	145801	20.614	ng/ul	93
47) Dimethylphthalate	13.740	163	646285	19.986	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	130514	20.188	ng/ul	98
50) Acenaphthylene	14.004	152	794983	19.622	ng/ul	99
51) 3-Nitroaniline	14.234	138	123465	21.946	ng/ul	93
52) Acenaphthene	14.351	153	536808	19.962	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	82096	24.181	ng/ul	98
55) 4-Nitrophenol	14.604	109	77615m	21.043	ng/ul	
56) Dibenzofuran	14.698	168	740862	20.119	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	191728	21.604	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.951	232	154974	19.013	ng/ul#	95
59) Diethylphthalate	15.128	149	638256	19.750	ng/ul	99
61) Fluorene	15.357	166	612404	20.379	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.345	204	321123	19.693	ng/ul	98
63) 4-Nitroaniline	15.434	138	121274	26.031	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	113877	18.820	ng/ul	100
67) N-Nitrosodiphenylamine	15.575	169	516196	18.797	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	206216	18.656	ng/ul	99
69) Hexachlorobenzene	16.386	284	240643	18.987	ng/ul	99
70) Atrazine	16.569	200	203710	20.354	ng/ul	100
71) Pentachlorophenol	16.763	266	148581	21.585	ng/ul	98
72) Phenanthrene	17.145	178	960984	19.643	ng/ul	99
74) Anthracene	17.239	178	986288	19.776	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	274070	18.158	ng/uL	99
76) Pentachlorobenzene	14.610	250	279796	18.655	ng/uL	97
77) Carbazole	17.533	167	871538	21.377	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1129164	20.074	ng/ul	100
80) Fluoranthene	19.245	202	1168649	16.983	ng/ul	98
82) Pyrene	19.627	202	1220528	17.430	ng/ul	99
83) Butylbenzylphthalate	20.563	149	519604	17.810	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	431966	20.511	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1239487	19.198	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	735335	17.514	ng/ul	98
87) Chrysene	21.604	228	1190478	19.844	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1294319	18.257	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1269493	19.494	ng/ul	98
91) Benzo(k)fluoranthene	23.880	252	1213173	18.667	ng/ul	99
93) Benzo(a)pyrene	24.715	252	1204180	19.567	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.668	276	1511883m	19.065	ng/ul	
95) Dibenzo(a,h)anthracene	28.721	278	1246204m	18.977	ng/ul	
96) Benzo(g,h,i)perylene	29.815	276	1209658m	18.730	ng/ul	

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

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