Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020736.D
Acq On : 02 Jul 2024 04:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020667

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 05:11:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	259205	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.510	136	1015989	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.369	164	589392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1049482	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1010656	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	1198256	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	41578	6.888	ng/uL	0.00
4) Pyridine-d5	3.681	84	305292	17.354	ng/ul	0.00
7) Phenol-d5	6.922	99	384157	18.070	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	236955	17.581	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	325018	18.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	314609	18.221	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	155373	20.714	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.593	143	172461	22.975	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.134	165	309736	20.032	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	401854	18.545	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	816144	19.916	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	938851	19.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	116488	18.604	ng/ul	0.00
60) Fluorene-d10	15.381	176	644697	18.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	107633	20.351	ng/ul	0.00
73) Anthracene-d10	17.281	188	913208	19.388	ng/ul	0.00
81) Pyrene-d10	19.669	212	1037727	17.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	1138332	19.529	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	47154	6.981	ng/uL	94
5) Pyridine	3.705	79	320631	17.595	ng/ul	97
6) Benzaldehyde	6.899	77	234694	21.830	ng/ul	100
8) Phenol	6.946	94	390292	18.002	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.169	93	324032	18.053	ng/ul	98
12) 2-Chlorophenol	7.310	128	324090	18.555	ng/ul	97
13) 2-Methylphenol	8.175	108	300786	18.083	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	461065	16.903	ng/ul	98
16) Acetophenone	8.552	105	490602	17.792	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.534	70	243366	16.604	ng/ul	98
18) 4-Methylphenol	8.499	108	314617	17.869	ng/ul	99
19) Hexachloroethane	8.799	117	134021	17.675	ng/ul	95
22) Nitrobenzene	8.928	77	371169	19.088	ng/ul	97
23) Isophorone	9.451	82	674353	17.503	ng/ul	98
25) 2-Nitrophenol	9.628	139	181698	22.414	ng/ul	92
26) 2,4-Dimethylphenol	9.687	107	349332	18.502	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.922	93	422132	18.417	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	302798	19.785	ng/ul	97
30) Naphthalene	10.557	128	1021067	18.777	ng/ul	100
32) 4-Chloroaniline	10.669	127	383766	18.395	ng/ul	100
33) Hexachlorobutadiene	10.834	225	230771	20.169	ng/ul	99
34) Caprolactam	11.457	113	78247	16.801	ng/ul	95
35) 4-Chloro-3-methylphenol	11.793	107	298994	17.694	ng/ul	98
36) 2-Methylnaphthalene	12.163	142	664514	18.242	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	683105	18.344	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.534	216	390398	20.718	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	246218	20.993	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	232433	20.677	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	241078	20.677	ng/ul	97
43) 1,1'-Biphenyl	13.187	154	861071	19.535	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	679487	19.572	ng/ul	100
45) 2-Nitroaniline	13.445	65	175275	20.044	ng/ul	91
47) Dimethylphthalate	13.828	163	815903	19.545	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	155820	20.934	ng/ul	97
50) Acenaphthylene	14.092	152	1055306	19.106	ng/ul	99
51) 3-Nitroaniline	14.281	138	148307	21.437	ng/ul	89
52) Acenaphthene	14.434	153	690061	18.833	ng/ul	98
53) 2,4-Dinitrophenol	14.504	184	84181	21.803	ng/ul	97
55) 4-Nitrophenol	14.604	109	95465	17.038	ng/ul	99
56) Dibenzofuran	14.775	168	933233	18.901	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	213558	20.785	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.004	232	196712	20.428	ng/ul	95
59) Diethylphthalate	15.222	149	794402	19.293	ng/ul	98
61) Fluorene	15.434	166	733082	18.480	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	398113	19.231	ng/ul	99
63) 4-Nitroaniline	15.469	138	139046	21.177	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.528	198	113794	20.086	ng/ul#	89
67) N-Nitrosodiphenylamine	15.657	169	599115	19.358	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	240283	20.526	ng/ul	95
69) Hexachlorobenzene	16.457	284	265656	20.273	ng/ul	97
70) Atrazine	16.639	200	218565	20.032	ng/ul	99
71) Pentachlorophenol	16.822	266	153543	20.352	ng/ul	100
72) Phenanthrene	17.222	178	1041620	18.954	ng/ul	100
74) Anthracene	17.316	178	1074444	19.007	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	366286	21.501	ng/uL	98
76) Pentachlorobenzene	14.687	250	347062	21.375	ng/uL	99
77) Carbazole	17.610	167	910440	19.515	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1191033	19.656	ng/ul	100
80) Fluoranthene	19.322	202	1206341	16.266	ng/ul	99
82) Pyrene	19.698	202	1261901	16.590	ng/ul	99
83) Butylbenzylphthalate	20.651	149	512584	18.149	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.551	252	441594	19.762	ng/ul	99
85) Benzo(a)anthracene	21.621	228	1325119	18.706	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	750966	17.125	ng/ul	99
87) Chrysene	21.692	228	1256196	18.761	ng/ul	99
89) Di-n-octyl phthalate	22.839	149	1332119	17.317	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1383979	19.065	ng/ul	98
91) Benzo(k)fluoranthene	24.004	252	1377669	18.762	ng/ul	99
93) Benzo(a)pyrene	24.845	252	1321613	19.286	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.821	276	1633708m	18.587	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	1362042m	18.855	ng/ul	
96) Benzo(g,h,i)perylene	29.997	276	1316965	18.352	ng/ul	99

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

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