Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021791.D
Acq On : 03 Sep 2024 17:04
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020755

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 04:31:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	296998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1213443	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	768969	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1666783	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	1648480	20.000	ng/ul	0.02
88) Perylene-d12	25.092	264	1879914	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	72284	8.080	ng/uL	0.00
4) Pyridine-d5	3.687	84	518568	20.041	ng/ul	0.00
7) Phenol-d5	6.952	99	605740	19.111	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	325005	18.842	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	399657	19.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	459927	18.778	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	191790	19.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	192124	19.388	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	379010	19.408	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	530812	18.684	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1095100	18.612	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	1283185	19.424	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.640	143	214777	19.186	ng/ul	0.01
60) Fluorene-d10	15.434	176	950990	19.225	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	152504	16.635	ng/ul	0.00
73) Anthracene-d10	17.345	188	1524938	19.278	ng/ul	0.00
81) Pyrene-d10	19.710	212	1832404	19.445	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.845	264	1944997	19.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	74872	7.875	ng/uL	96
5) Pyridine	3.705	79	517277	20.006	ng/ul	99
6) Benzaldehyde	6.922	77	379588	23.414	ng/ul	98
8) Phenol	6.981	94	635079	19.216	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.205	93	489854	19.068	ng/ul	99
12) 2-Chlorophenol	7.352	128	427664	19.912	ng/ul	99
13) 2-Methylphenol	8.222	108	449302	18.845	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	471903	19.032	ng/ul	99
16) Acetophenone	8.593	105	741381	18.881	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	338298	18.257	ng/ul	99
18) 4-Methylphenol	8.546	108	491367	18.825	ng/ul	99
19) Hexachloroethane	8.858	117	187138	19.487	ng/ul	96
22) Nitrobenzene	8.969	77	541169	19.879	ng/ul	99
23) Isophorone	9.499	82	977241	17.890	ng/ul	100
25) 2-Nitrophenol	9.681	139	216069	19.679	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	526923	19.554	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.975	93	637018	18.594	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	381275	19.430	ng/ul	99
30) Naphthalene	10.616	128	1326924	19.402	ng/ul	100
32) 4-Chloroaniline	10.722	127	549326	19.152	ng/ul	99
33) Hexachlorobutadiene	10.904	225	249619	18.959	ng/ul	99
34) Caprolactam	11.499	113	192039	23.143	ng/ul	96
35) 4-Chloro-3-methylphenol	11.857	107	506288	19.493	ng/ul	97
36) 2-Methylnaphthalene	12.234	142	882082	19.069	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	882471	18.967	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	470851	19.428	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	272354	19.584	ng/ul	98
41) 2,4,6-Trichlorophenol	12.846	196	301024	19.291	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	333106	19.769	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1141389	19.619	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	883556	19.369	ng/ul	100
45) 2-Nitroaniline	13.493	65	290396	20.321	ng/ul	98
47) Dimethylphthalate	13.881	163	1109723	18.835	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	211698	19.483	ng/ul	97
50) Acenaphthylene	14.145	152	1401319	19.724	ng/ul	99
51) 3-Nitroaniline	14.334	138	235589	19.841	ng/ul	94
52) Acenaphthene	14.493	153	972052	19.455	ng/ul	100
53) 2,4-Dinitrophenol	14.540	184	120982	18.598	ng/ul	99
55) 4-Nitrophenol	14.651	109	204631	19.964	ng/ul	97
56) Dibenzofuran	14.828	168	1346000	19.472	ng/ul	98
57) 2,4-Dinitrotoluene	14.787	165	322790	19.769	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.063	232	274838	18.932	ng/ul	94
59) Diethylphthalate	15.275	149	1095467	18.516	ng/ul	100
61) Fluorene	15.492	166	1093010	19.550	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	531358	18.914	ng/ul	99
63) 4-Nitroaniline	15.510	138	251847	21.946	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	178289	17.386	ng/ul#	98
67) N-Nitrosodiphenylamine	15.716	169	943346	19.239	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	333056	18.100	ng/ul	98
69) Hexachlorobenzene	16.522	284	391066	17.902	ng/ul	99
70) Atrazine	16.692	200	350734	18.857	ng/ul	98
71) Pentachlorophenol	16.875	266	249112	17.819	ng/ul	98
72) Phenanthrene	17.281	178	1776536	19.414	ng/ul	99
74) Anthracene	17.381	178	1782025	19.223	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	475620	19.193	ng/uL	98
76) Pentachlorobenzene	14.751	250	477761	18.601	ng/uL	98
77) Carbazole	17.651	167	1692531	20.299	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1877371	18.498	ng/ul	99
80) Fluoranthene	19.363	202	2172612	19.757	ng/ul	100
82) Pyrene	19.739	202	2270072	19.491	ng/ul	99
83) Butylbenzylphthalate	20.686	149	918179	19.255	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.580	252	795751	19.155	ng/ul	98
85) Benzo(a)anthracene	21.669	228	2269564	19.354	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.604	149	1288598	18.309	ng/ul	100
87) Chrysene	21.733	228	2115263	19.167	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	2172977	18.261	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	2285395	19.429	ng/ul	99
91) Benzo(k)fluoranthene	24.074	252	2273094	19.739	ng/ul	99
93) Benzo(a)pyrene	24.910	252	2115728	19.523	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.939	276	2690243m	19.253	ng/ul	
95) Dibenzo(a,h)anthracene	29.027	278	2146670	19.118	ng/ul	98
96) Benzo(g,h,i)perylene	30.151	276	2089746	19.356	ng/ul	99

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

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