Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022374.D
Acq On : 15 Oct 2024 04:15
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020652

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 05:29:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	119365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	481247	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	395287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1006370	20.000	ng/ul	0.01
79) Chrysene-d12	21.557	240	1084457	20.000	ng/ul	0.00
88) Perylene-d12	24.857	264	1249805	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	19393	6.314	ng/uL	0.00
4) Pyridine-d5	3.634	84	147522	17.494	ng/ul	0.00
7) Phenol-d5	6.887	99	192618	19.170	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	109296	18.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	146596	20.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	159852	19.935	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	75747	20.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	88977	20.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	190787	20.954	ng/ul	0.01
31) 4-Chloroaniline-d4	10.593	131	208463	19.376	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	595432	18.959	ng/ul	0.02
49) Acenaphthylene-d8	14.004	160	667228	20.002	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	103684	19.679	ng/ul	0.00
60) Fluorene-d10	15.322	176	542080	19.899	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	120147	18.153	ng/ul	0.02
73) Anthracene-d10	17.222	188	934593	19.741	ng/ul	0.02
81) Pyrene-d10	19.598	212	1156896	20.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	1280068	19.178	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	22657	6.860	ng/uL	93
5) Pyridine	3.652	79	151353	17.505	ng/ul	96
6) Benzaldehyde	6.858	77	122070	22.481	ng/ul	96
8) Phenol	6.911	94	197160	18.860	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	152506	19.493	ng/ul	98
12) 2-Chlorophenol	7.269	128	147386	19.991	ng/ul	97
13) 2-Methylphenol	8.140	108	150786	19.875	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	168503	18.532	ng/ul	96
16) Acetophenone	8.510	105	256629	19.386	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.493	70	132816	19.803	ng/ul	98
18) 4-Methylphenol	8.463	108	161641	19.206	ng/ul	95
19) Hexachloroethane	8.757	117	68185	19.858	ng/ul	97
22) Nitrobenzene	8.881	77	209334	18.952	ng/ul	96
23) Isophorone	9.405	82	379264	19.151	ng/ul	99
25) 2-Nitrophenol	9.581	139	92729	20.084	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	194112	19.343	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	212545	18.902	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	180599	20.142	ng/ul	98
30) Naphthalene	10.504	128	495975	19.349	ng/ul	98
32) 4-Chloroaniline	10.616	127	203169	19.130	ng/ul	96
33) Hexachlorobutadiene	10.793	225	146746	19.418	ng/ul	98
34) Caprolactam	11.399	113	57750m	19.978	ng/ul	
35) 4-Chloro-3-methylphenol	11.746	107	201920	20.640	ng/ul	96
36) 2-Methylnaphthalene	12.110	142	372689	19.807	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	385212	20.058	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	282956	19.359	ng/ul	95
40) Hexachlorocyclopentadiene	12.463	237	148691	16.697	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	184406	20.058	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	195824	20.004	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	544270	19.103	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	456242	19.561	ng/ul	98
45) 2-Nitroaniline	13.393	65	134308	19.285	ng/ul	93
47) Dimethylphthalate	13.775	163	592882	18.945	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	126313	21.339	ng/ul	96
50) Acenaphthylene	14.040	152	708712	20.471	ng/ul	99
51) 3-Nitroaniline	14.222	138	114341	20.566	ng/ul	97
52) Acenaphthene	14.381	153	470028	19.200	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	89290	20.502	ng/ul	96
55) 4-Nitrophenol	14.545	109	124705	21.325	ng/ul	93
56) Dibenzofuran	14.722	168	717771	19.519	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	195239	21.226	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.957	232	192489	21.066	ng/ul#	99
59) Diethylphthalate	15.151	149	575786	19.177	ng/ul	98
61) Fluorene	15.381	166	596641	19.913	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.369	204	336897	19.662	ng/ul	99
63) 4-Nitroaniline	15.416	138	128500	22.970	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	128711	18.054	ng/ul	100
67) N-Nitrosodiphenylamine	15.587	169	507327	18.825	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	243451	20.060	ng/ul	98
69) Hexachlorobenzene	16.410	284	306607	20.525	ng/ul	98
70) Atrazine	16.569	200	202922	18.114	ng/ul	95
71) Pentachlorophenol	16.769	266	195102	20.312	ng/ul	96
72) Phenanthrene	17.169	178	1043073	19.373	ng/ul	99
74) Anthracene	17.251	178	1066950	19.857	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	280700	18.319	ng/uL	98
76) Pentachlorobenzene	14.634	250	321976	19.008	ng/uL	99
77) Carbazole	17.545	167	914704	19.240	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1009775	19.195	ng/ul	100
80) Fluoranthene	19.251	202	1366645	20.729	ng/ul	97
82) Pyrene	19.627	202	1397840	19.782	ng/ul	99
83) Butylbenzylphthalate	20.575	149	480139	19.516	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	507830	19.645	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1476651	19.423	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	667918	18.914	ng/ul	100
87) Chrysene	21.598	228	1333691	18.920	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1140914	19.192	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1564855	19.891	ng/ul#	99
91) Benzo(k)fluoranthene	23.868	252	1497760	19.446	ng/ul	99
93) Benzo(a)pyrene	24.692	252	1418329	19.589	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	1801318	18.643	ng/ul	99
95) Dibenzo(a,h)anthracene	28.656	278	1464162	18.714	ng/ul	99
96) Benzo(g,h,i)perylene	29.739	276	1448526m	19.274	ng/ul	

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

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