Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP023004.D
Acq On : 10 Nov 2024 17:36
Operator : RC/JU
Sample : SP6671
Misc : SFAM SPIKE
ALS Vial : 91 Sample Multiplier: 1

Quant Time: Nov 10 23:24:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP6671

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	56951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	230448	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.216	164	202836	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	530040	20.000	ng/ul	-0.02
79) Chrysene-d12	21.445	240	569636	20.000	ng/ul	-0.01
88) Perylene-d12	24.674	264	662802m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	39907	29.150	ng/uL	97
5) Pyridine	3.593	79	306073	86.578	ng/ul	92
6) Benzaldehyde	6.757	77	172526	71.203	ng/ul	98
8) Phenol	6.816	94	433241	98.534	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.028	93	287546	87.029	ng/ul	97
12) 2-Chlorophenol	7.169	128	322270	100.660	ng/ul	97
13) 2-Methylphenol	8.040	108	316249	96.356	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.098	45	324619	86.789	ng/ul	96
16) Acetophenone	8.404	105	503268	86.436	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.387	70	264557	90.999	ng/ul	99
18) 4-Methylphenol	8.369	108	352016	97.104	ng/ul	98
19) Hexachloroethane	8.640	117	136308	88.032	ng/ul	99
22) Nitrobenzene	8.775	77	408620	88.765	ng/ul	97
23) Isophorone	9.292	82	738623	89.734	ng/ul	98
25) 2-Nitrophenol	9.475	139	182823	90.562	ng/ul	94
26) 2,4-Dimethylphenol	9.539	107	422820	96.992	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.763	93	406367	89.725	ng/ul	99
29) 2,4-Dichlorophenol	10.004	162	392237	98.865	ng/ul	99
30) Naphthalene	10.386	128	968117	86.473	ng/ul	99
32) 4-Chloroaniline	10.504	127	320587	69.249	ng/ul	97
33) Hexachlorobutadiene	10.663	225	309281	86.155	ng/ul	100
34) Caprolactam	11.316	113	102017m	86.450	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	430608	100.890	ng/ul	97
36) 2-Methylnaphthalene	12.004	142	748412	88.546	ng/ul	96

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37) 1-Methylnaphthalene	12.216	142	751957	87.027	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	579949	84.691	ng/ul	96
40) Hexachlorocyclopentadiene	12.345	237	314793	87.522	ng/ul	98
41) 2,4,6-Trichlorophenol	12.622	196	406640	97.521	ng/ul	96
42) 2,4,5-Trichlorophenol	12.710	196	437259	97.271	ng/ul	99
43) 1,1'-Biphenyl	13.022	154	1120004	86.173	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	919179	86.514	ng/ul	100
45) 2-Nitroaniline	13.280	65	293258	98.302	ng/ul	93
47) Dimethylphthalate	13.657	163	1269641	88.064	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	264637	94.364	ng/ul	100
50) Acenaphthylene	13.927	152	1384415	89.786	ng/ul	99
51) 3-Nitroaniline	14.133	138	211186	87.430	ng/ul#	96
52) Acenaphthene	14.275	153	1001348	89.452	ng/ul	97
53) 2,4-Dinitrophenol	14.345	184	198879	99.944	ng/ul	99
55) 4-Nitrophenol	14.474	109	231710	90.146	ng/ul	98
56) Dibenzofuran	14.616	168	1535282	88.768	ng/ul	98
57) 2,4-Dinitrotoluene	14.610	165	419574	93.871	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.857	232	421941	96.024	ng/ul	99
59) Diethylphthalate	15.051	149	1273708	89.328	ng/ul	99
61) Fluorene	15.286	166	1272647	89.902	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.274	204	755364	90.623	ng/ul	98
63) 4-Nitroaniline	15.327	138	236414	105.183	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.386	198	292090	86.115	ng/ul#	92
67) N-Nitrosodiphenylamine	15.492	169	1102820	90.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.174	248	539724	89.922	ng/ul	97
69) Hexachlorobenzene	16.304	284	663543	87.817	ng/ul	95
70) Atrazine	16.474	200	502891	84.942	ng/ul	98
71) Pentachlorophenol	16.668	266	429505	91.557	ng/ul	100
72) Phenanthrene	17.063	178	2181546	87.172	ng/ul	99
74) Anthracene	17.157	178	2251695	89.491	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.986	216	583712	83.409	ng/uL	98
76) Pentachlorobenzene	14.539	250	693847	86.832	ng/uL	97
77) Carbazole	17.445	167	1930474	87.941	ng/ul	99
78) Di-n-butylphthalate	18.027	149	2231662	91.611	ng/ul	100
80) Fluoranthene	19.151	202	2850793	94.311	ng/ul	99
82) Pyrene	19.533	202	3013952	92.815	ng/ul	99
83) Butylbenzylphthalate	20.480	149	1053315	98.522	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	1010471	79.026	ng/ul	100
85) Benzo(a)anthracene	21.427	228	3062782	88.054	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	1530408	100.731	ng/ul	99
87) Chrysene	21.492	228	2870125	87.695	ng/ul	99
89) Di-n-octyl phthalate	22.580	149	2470181	91.863	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	3330576	90.280	ng/ul	99
91) Benzo(k)fluoranthene	23.727	252	3199750	88.106	ng/ul#	99
93) Benzo(a)pyrene	24.527	252	3080329	92.366	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.327	276	4173357m	89.821	ng/ul	
95) Dibenzo(a,h)anthracene	28.403	278	3345642	88.683	ng/ul	98
96) Benzo(g,h,i)perylene	29.462	276	3263705m	92.480	ng/ul	

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

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