Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
Data File : BP019109.D
Acq On : 27 Dec 2023 06:48
Operator : MA/JU
Sample : SP6380
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 27 07:17:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 26 22:20:53 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP6380

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	162170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	635737	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.446	164	402518	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	955222	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1061648	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	1283240	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	3.281	88	142758	27.355	ng/uL	96
5) Pyridine	3.681	79	933257	72.500	ng/ul	93
6) Benzaldehyde	6.958	77	565374	67.287	ng/ul	97
8) Phenol	7.017	94	1121226	70.253	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.246	93	868644	66.273	ng/ul	99
12) 2-Chlorophenol	7.375	128	885950	68.934	ng/ul	98
13) 2-Methylphenol	8.264	108	838487	68.625	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	996795	59.936	ng/ul	98
16) Acetophenone	8.640	105	1277653	65.092	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	606417	56.160	ng/ul	97
18) 4-Methylphenol	8.599	108	891402	66.812	ng/ul	97
19) Hexachloroethane	8.881	117	364793	69.235	ng/ul	84
22) Nitrobenzene	9.016	77	958747	69.691	ng/ul	98
23) Isophorone	9.546	82	1794959	63.993	ng/ul	98
25) 2-Nitrophenol	9.728	139	470825	74.959	ng/ul	96
26) 2,4-Dimethylphenol	9.793	107	941222	76.620	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	1120670	63.285	ng/ul	99
29) 2,4-Dichlorophenol	10.258	162	871219	75.404	ng/ul	98
30) Naphthalene	10.652	128	2678994	69.465	ng/ul	100
32) 4-Chloroaniline	10.775	127	918529	61.476	ng/ul	99
33) Hexachlorobutadiene	10.934	225	629580	81.362	ng/ul	98
34) Caprolactam	11.587	113	273996	77.338	ng/ul	92
35) 4-Chloro-3-methylphenol	11.910	107	893645	69.042	ng/ul	99
36) 2-Methylnaphthalene	12.269	142	1851338	67.760	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	1889776	68.490	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.634	216	1167900	79.972	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	720098	83.190	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	757138	80.593	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	820623	80.572	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	2414366	69.354	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	1943979	70.703	ng/ul	98
45) 2-Nitroaniline	13.540	65	550371	73.839	ng/ul	94
47) Dimethylphthalate	13.916	163	2453635	69.384	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	533741	79.887	ng/ul	94
50) Acenaphthylene	14.169	152	3131794	70.415	ng/ul	100
51) 3-Nitroaniline	14.363	138	458302	68.717	ng/ul	98
52) Acenaphthene	14.510	153	2054648	69.869	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	337329	95.265	ng/ul	93
55) 4-Nitrophenol	14.681	109	376260	84.454	ng/ul	91
56) Dibenzofuran	14.846	168	2901055	70.980	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	777967	82.779	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	723944	84.738	ng/ul	91
59) Diethylphthalate	15.275	149	2397191	69.274	ng/ul	99
61) Fluorene	15.493	166	2327003	71.953	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.493	204	1260633	74.323	ng/ul	94
63) 4-Nitroaniline	15.534	138	540814m	85.118	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	496715	81.116	ng/ul#	90
67) N-Nitrosodiphenylamine	15.710	169	2026007	64.007	ng/ul	100
68) 4-Bromophenyl-phenylether	16.387	248	853218	70.752	ng/ul	96
69) Hexachlorobenzene	16.498	284	1025258	76.148	ng/ul	96
70) Atrazine	16.675	200	847368	90.044	ng/ul	97
71) Pentachlorophenol	16.845	266	699370	87.339	ng/ul	99
72) Phenanthrene	17.240	178	4001718	69.365	ng/ul	100
74) Anthracene	17.334	178	4076498	70.494	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	1154232	69.883	ng/uL	98
76) Pentachlorobenzene	14.763	250	1136476	70.048	ng/uL	100
77) Carbazole	17.610	167	3754515	81.463	ng/ul	99
78) Di-n-butylphthalate	18.163	149	4186227	68.214	ng/ul	100
80) Fluoranthene	19.216	202	5224075	53.479	ng/ul#	94
82) Pyrene	19.563	202	5457153	55.377	ng/ul#	94
83) Butylbenzylphthalate	20.445	149	2097740	58.146	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	1890924	73.294	ng/ul	98
85) Benzo(a)anthracene	21.280	228	5999886	69.626	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	2913096	58.748	ng/ul#	98
87) Chrysene	21.333	228	5493228	69.223	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	5283262	56.389	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	6479033	68.478	ng/ul	97
91) Benzo(k)fluoranthene	22.980	252	6184562	67.557	ng/ul#	98
93) Benzo(a)pyrene	23.551	252	6097282	70.528	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.110	276	7869661	76.188	ng/ul	95
95) Dibenzo(a,h)anthracene	26.127	278	6436339	74.906	ng/ul#	95
96) Benzo(g,h,i)perylene	26.863	276	6364984	76.569	ng/ul#	94

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

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