Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082323\
Data File : BP016724.D
Acq On : 23 Aug 2023 20:23
Operator : MA/JU
Sample : SP6277
Misc : SFAM SPIKE
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 24 00:58:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 18:42:31 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP6277

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	364413	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1650109	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	996195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	2179785	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1720573	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1551145	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	3.422	88	332836	31.564	ng/uL	96
5) Pyridine	3.840	79	2201151	72.710	ng/ul	96
6) Benzaldehyde	7.199	77	1988028	107.347	ng/ul	98
8) Phenol	7.216	94	3034524	84.509	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.475	93	2329212	80.302	ng/ul	97
12) 2-Chlorophenol	7.599	128	2190092	86.258	ng/ul	99
13) 2-Methylphenol	8.481	108	2241070	85.922	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.557	45	2139035	52.913	ng/ul	99
16) Acetophenone	8.893	105	3403354	78.894	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.875	70	1951743	84.360	ng/ul	99
18) 4-Methylphenol	8.822	108	2415598	84.267	ng/ul	97
19) Hexachloroethane	9.116	117	878438	82.812	ng/ul	99
22) Nitrobenzene	9.287	77	2808528	86.408	ng/ul	99
23) Isophorone	9.810	82	5419818	88.284	ng/ul	99
25) 2-Nitrophenol	9.993	139	1197008	94.949	ng/ul	99
26) 2,4-Dimethylphenol	10.034	107	2583280	86.920	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.287	93	3232499	82.142	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	2004484	89.772	ng/ul	98
30) Naphthalene	10.928	128	6758216	78.389	ng/ul	99
32) 4-Chloroaniline	11.057	127	2290438	62.105	ng/ul	100
33) Hexachlorobutadiene	11.157	225	1113431	82.723	ng/ul	100
34) Caprolactam	11.916	113	733925m	84.488	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	2490067	91.235	ng/ul	99
36) 2-Methylnaphthalene	12.528	142	4612518	79.870	ng/ul	100

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37) 1-Methylnaphthalene	12.745	142	4493593	77.278	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	2161628	81.126	ng/ul	100
40) Hexachlorocyclopentadiene	12.828	237	1347111	83.091	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	1574462	94.945	ng/ul	98
42) 2,4,5-Trichlorophenol	13.198	196	1688333	93.925	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	5829470	78.725	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	4578415	79.468	ng/ul	99
45) 2-Nitroaniline	13.810	65	1756952	100.858	ng/ul	98
47) Dimethylphthalate	14.157	163	5914430	80.282	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	1292123	101.260	ng/ul	97
50) Acenaphthylene	14.428	152	7789698	81.330	ng/ul	99
51) 3-Nitroaniline	14.639	138	1324749	92.590	ng/ul#	97
52) Acenaphthene	14.763	153	5046580	78.712	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	669136	94.196	ng/ul	98
55) 4-Nitrophenol	14.922	109	994571	83.346	ng/ul	98
56) Dibenzofuran	15.098	168	6646828	75.985	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	1836786	96.123	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	1401583	93.064	ng/ul	99
59) Diethylphthalate	15.510	149	6100984	80.996	ng/ul	98
61) Fluorene	15.751	166	5477264	76.362	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	2660262	79.009	ng/ul	97
63) 4-Nitroaniline	15.816	138	1461286	106.722	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.834	198	993471	86.403	ng/ul#	98
67) N-Nitrosodiphenylamine	15.963	169	4787550	81.026	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	1681103	86.377	ng/ul	98
69) Hexachlorobenzene	16.728	284	1875961	82.493	ng/ul	97
70) Atrazine	16.922	200	1786402	84.037	ng/ul	99
71) Pentachlorophenol	17.086	266	1300611	92.893	ng/ul	98
72) Phenanthrene	17.510	178	8783836	76.487	ng/ul	99
74) Anthracene	17.604	178	8953451	77.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	2171754	78.398	ng/uL	98
76) Pentachlorobenzene	14.992	250	2001631	80.531	ng/uL	99
77) Carbazole	17.880	167	8374383	78.779	ng/ul	98
78) Di-n-butylphthalate	18.392	149	10617230	86.280	ng/ul	99
80) Fluoranthene	19.469	202	10118563	94.038	ng/ul	98
82) Pyrene	19.827	202	10211323	89.871	ng/ul	99
83) Butylbenzylphthalate	20.680	149	4956352	108.283	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	3098980	82.713	ng/ul	99
85) Benzo(a)anthracene	21.545	228	9382698	81.141	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.421	149	7057180	106.236	ng/ul#	97
87) Chrysene	21.604	228	8593286	79.416	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	11331078	117.070	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	8267555	89.515	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	7869380	85.886	ng/ul	100
93) Benzo(a)pyrene	24.027	252	7332823	84.165	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.892	276	8166425	79.419	ng/ul	99
95) Dibenzo(a,h)anthracene	26.921	278	6762531	79.026	ng/ul	99
96) Benzo(g,h,i)perylene	27.756	276	6569626	80.276	ng/ul	98

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

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