Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015511.D
Acq On : 14 Jun 2023 11:33
Operator : MA/JU
Sample : 03098-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 23:22:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EZEP9MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
06/15/2023
Supervised By :mohammad ahmed
06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	126343	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	607314	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	435037	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1006626	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	997138	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1107697	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	15422	4.520	ng/uL	0.00
4) Pyridine-d5	3.875	84	3913m	0.442	ng/ul	0.03
7) Phenol-d5	7.246	99	85522	7.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	237877	34.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	222254	26.337	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	171440	17.947	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	160146	33.588	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	177631	32.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	306218	30.829	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	16064	1.127	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1405218	40.962	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1386894	36.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	51232	8.339	ng/ul	0.00
60) Fluorene-d10	15.728	176	1135152	39.240	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	261864	41.064	ng/ul	0.00
73) Anthracene-d10	17.592	188	1893764	41.348	ng/ul	0.00
81) Pyrene-d10	19.816	212	2369924	44.407	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2490069	44.802	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	17083	4.740	ng/uL#	86
5) Pyridine	3.881	79	62758m	6.831	ng/ul	
6) Benzaldehyde	7.222	77	236848m	53.237	ng/ul	
8) Phenol	7.275	94	91796	7.644	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.505	93	285678	30.090	ng/ul	98
12) 2-Chlorophenol	7.646	128	212574	23.841	ng/ul	97
13) 2-Methylphenol	8.540	108	176613	19.116	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	370597	29.456	ng/ul	98
16) Acetophenone	8.928	105	487614	31.985	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.904	70	266194	32.351	ng/ul	98
18) 4-Methylphenol	8.869	108	174028	17.120	ng/ul	98
19) Hexachloroethane	9.175	117	72125	19.143	ng/ul	96
22) Nitrobenzene	9.310	77	390880	30.913	ng/ul	99
23) Isophorone	9.840	82	783730	30.963	ng/ul	99
25) 2-Nitrophenol	10.028	139	170849	29.061	ng/ul	99
26) 2,4-Dimethylphenol	10.081	107	291140	23.352	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.322	93	447307	30.396	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	280995	28.453	ng/ul	96
30) Naphthalene	10.969	128	882635	26.820	ng/ul	99
32) 4-Chloroaniline	11.081	127	360320	24.425	ng/ul	100
33) Hexachlorobutadiene	11.246	225	154624	23.216	ng/ul	97
34) Caprolactam	11.869	113	20822	5.601	ng/ul	84
35) 4-Chloro-3-methylphenol	12.193	107	349812	29.235	ng/ul	100
36) 2-Methylnaphthalene	12.569	142	720662	31.150	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	738949	31.723	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.934	216	420845	31.066	ng/ul	98
40) Hexachlorocyclopentadiene	12.904	237	143224	25.793	ng/ul	96
41) 2,4,6-Trichlorophenol	13.169	196	301887	33.483	ng/ul	100
42) 2,4,5-Trichlorophenol	13.245	196	335094	34.106	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	1070851	31.830	ng/ul	98
44) 2-Chloronaphthalene	13.616	162	835908	31.668	ng/ul	99
45) 2-Nitroaniline	13.822	65	319934	37.872	ng/ul	96
47) Dimethylphthalate	14.187	163	1300656	36.721	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	281675	38.816	ng/ul	99
50) Acenaphthylene	14.457	152	1367879	32.929	ng/ul	100
51) 3-Nitroaniline	14.645	138	244727	40.852	ng/ul	95
52) Acenaphthene	14.798	153	955783	33.286	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	151941	34.807	ng/ul	97
55) 4-Nitrophenol	14.951	109	45259	7.638	ng/ul	98
56) Dibenzofuran	15.134	168	1415194	34.773	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	424456	39.768	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.357	232	329938	37.192	ng/ul	99
59) Diethylphthalate	15.545	149	1398260	38.518	ng/ul	99
61) Fluorene	15.781	166	1183071	35.660	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.769	204	590776	35.332	ng/ul	98
63) 4-Nitroaniline	15.810	138	261073	45.945	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.869	198	243209	37.394	ng/ul	93
67) N-Nitrosodiphenylamine	15.986	169	1010324	35.378	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	402830	37.405	ng/ul	97
69) Hexachlorobenzene	16.792	284	484763	38.160	ng/ul	98
70) Atrazine	16.939	200	421453	36.957	ng/ul	99
71) Pentachlorophenol	17.139	266	280467	39.062	ng/ul	99
72) Phenanthrene	17.533	178	2062224	38.175	ng/ul	100
74) Anthracene	17.628	178	2086829	38.074	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	433297	31.189	ng/uL	98
76) Pentachlorobenzene	15.051	250	503843	34.638	ng/uL	97
77) Carbazole	17.892	167	1939303	39.295	ng/ul	100
78) Di-n-butylphthalate	18.422	149	2546460	40.667	ng/ul	99
80) Fluoranthene	19.486	202	2627033	40.411	ng/ul	100
82) Pyrene	19.845	202	2680667	39.858	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1251855	42.113	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	707463	30.031	ng/ul	99
85) Benzo(a)anthracene	21.557	228	2753817	39.505	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1898746	43.214	ng/ul	99
87) Chrysene	21.616	228	2574536	39.074	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	3288460	45.171	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2901986	40.586	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2779739	40.217	ng/ul	99
93) Benzo(a)pyrene	24.010	252	2439397	39.131	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	2976148	36.889	ng/ul	98
95) Dibenzo(a,h)anthracene	26.839	278	2491514	37.906	ng/ul	100
96) Benzo(g,h,i)perylene	27.651	276	2426515	36.496	ng/ul	99

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

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