Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015360.D
Acq On : 31 May 2023 15:26
Operator : CG/JU
Sample : 02851-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 31 23:04:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 31 14:24:45 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
H0FJ2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	175794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	767993	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	514653	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1194022	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1180663	20.000	ng/ul	# 0.00
88) Perylene-d12	24.139	264	1241975	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	15324	3.387	ng/uL	0.00
4) Pyridine-d5	3.887	84	10132m	0.790	ng/ul	0.04
7) Phenol-d5	7.258	99	310637	19.032	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	192684	20.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	257064	21.420	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	277448	21.332	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	141029	23.369	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	163760	24.388	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	300258	24.780	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	182145	10.160	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	1019057	26.204	ng/ul	0.00
49) Acenaphthylene-d8	14.446	160	1096228	24.646	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	156923	20.780	ng/ul	0.00
60) Fluorene-d10	15.740	176	842784	25.682	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	171442	22.784	ng/ul	0.00
73) Anthracene-d10	17.604	188	1388628	25.398	ng/ul	0.00
81) Pyrene-d10	19.828	212	1751380	25.576	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1699944	27.573	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	35244	7.249	ng/uL#	92
5) Pyridine	3.911	79	10401m	0.780	ng/ul	
6) Benzaldehyde	7.240	77	232119m	51.740	ng/ul	
8) Phenol	7.287	94	363095m	21.694	ng/ul	
10) Bis(2-Chloroethyl)ether	7.522	93	272035	20.315	ng/ul	98
12) 2-Chlorophenol	7.664	128	268801	21.176	ng/ul	98
13) 2-Methylphenol	8.552	108	265860	20.553	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	347092	20.689	ng/ul	99
16) Acetophenone	8.940	105	552040	27.195	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.922	70	233421	21.926	ng/ul	95
18) 4-Methylphenol	8.887	108	363329	25.519	ng/ul	94
19) Hexachloroethane	9.199	117	112318	21.670	ng/ul#	80
22) Nitrobenzene	9.328	77	354116	23.759	ng/ul	99
23) Isophorone	9.852	82	684299	22.336	ng/ul	99
25) 2-Nitrophenol	10.046	139	180128	24.462	ng/ul#	93
26) 2,4-Dimethylphenol	10.099	107	254467	17.318	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.334	93	403638	21.654	ng/ul	100
29) 2,4-Dichlorophenol	10.581	162	302652	24.728	ng/ul	97
30) Naphthalene	10.987	128	960975	23.016	ng/ul	100
32) 4-Chloroaniline	11.099	127	369550	20.056	ng/ul	99
33) Hexachlorobutadiene	11.263	225	213995	29.010	ng/ul	98
34) Caprolactam	11.881	113	100754	21.835	ng/ul	91
35) 4-Chloro-3-methylphenol	12.216	107	336585	24.355	ng/ul	100
36) 2-Methylnaphthalene	12.587	142	675099	23.997	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	675500	23.910	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.951	216	415883	27.019	ng/ul	98
40) Hexachlorocyclopentadiene	12.922	237	190670	19.119	ng/ul	95
41) 2,4,6-Trichlorophenol	13.187	196	278318	25.607	ng/ul	97
42) 2,4,5-Trichlorophenol	13.263	196	300294	25.482	ng/ul	98
43) 1,1'-Biphenyl	13.587	154	947334	23.724	ng/ul	98
44) 2-Chloronaphthalene	13.634	162	754516	24.196	ng/ul	99
45) 2-Nitroaniline	13.834	65	230820	25.870	ng/ul	92
47) Dimethylphthalate	14.198	163	1009021	24.913	ng/ul	100
48) 2,6-Dinitrotoluene	14.328	165	219154	27.312	ng/ul	97
50) Acenaphthylene	14.475	152	1166957	23.514	ng/ul	99
51) 3-Nitroaniline	14.657	138	211942	29.333	ng/ul	99
52) Acenaphthene	14.816	153	807273	23.816	ng/ul	97
53) 2,4-Dinitrophenol	14.869	184	134554	25.256	ng/ul	95
55) 4-Nitrophenol	14.963	109	165967	29.881	ng/ul#	79
56) Dibenzofuran	15.145	168	1156757	24.536	ng/ul	98
57) 2,4-Dinitrotoluene	15.116	165	322326	27.760	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.375	232	286576	28.814	ng/ul	92
59) Diethylphthalate	15.557	149	1043949	25.843	ng/ul	99
61) Fluorene	15.798	166	944008	24.916	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.787	204	503368	27.191	ng/ul	99
63) 4-Nitroaniline	15.822	138	213247	34.177	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.881	198	208576	26.857	ng/ul	98
67) N-Nitrosodiphenylamine	16.004	169	843635	24.029	ng/ul	100
68) 4-Bromophenyl-phenylether	16.687	248	352581	28.668	ng/ul	97
69) Hexachlorobenzene	16.804	284	437042	30.071	ng/ul	94
70) Atrazine	16.951	200	357153	27.522	ng/ul	98
71) Pentachlorophenol	17.151	266	237080	26.078	ng/ul	92
72) Phenanthrene	17.551	178	1618871	24.898	ng/ul	99
74) Anthracene	17.639	178	1603973	24.396	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	431332	25.478	ng/uL	100
76) Pentachlorobenzene	15.069	250	446911	26.291	ng/uL	95
77) Carbazole	17.910	167	1466702	25.440	ng/ul	100
78) Di-n-butylphthalate	18.434	149	1894100	25.512	ng/ul	99
80) Fluoranthene	19.498	202	2067491	24.772	ng/ul#	94
82) Pyrene	19.851	202	2114239	24.530	ng/ul#	94
83) Butylbenzylphthalate	20.704	149	899143	23.532	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	707597	27.288	ng/ul#	98
85) Benzo(a)anthracene	21.569	228	2118622	25.952	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1318799	23.974	ng/ul#	98
87) Chrysene	21.628	228	2017401	25.851	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	2262310	26.597	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2163449m	27.478	ng/ul	
91) Benzo(k)fluoranthene	23.404	252	2051792	27.139	ng/ul#	98
93) Benzo(a)pyrene	24.027	252	1775936	25.519	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	2149045	23.849	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.863	278	1786838	24.156	ng/ul#	96
96) Benzo(g,h,i)perylene	27.680	276	1540374	20.963	ng/ul#	94

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

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