Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
Data File : BP015350.D
Acq On : 31 May 2023 00:24
Operator : CG/JU
Sample : PB153106BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS106

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 31 01:40:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 30 15:23:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	169688	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.940	136	745324	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	521160	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1260921	20.000	ng/ul	-0.01
79) Chrysene-d12	21.586	240	1338158	20.000	ng/ul	#-0.01
88) Perylene-d12	24.145	264	1712444	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	25454	5.828	ng/uL	0.00
4) Pyridine-d5	3.858	84	245161	19.804	ng/ul	0.00
7) Phenol-d5	7.264	99	510668	32.413	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	291052	31.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	409820	35.378	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	437889	34.880	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	211919	36.184	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	248256	38.096	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.557	165	451513	38.397	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	230492	13.248	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	1484378	37.692	ng/ul	0.00
49) Acenaphthylene-d8	14.446	160	1633291	36.262	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.957	143	288885	37.777	ng/ul	0.00
60) Fluorene-d10	15.745	176	1248622	37.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	314875	39.625	ng/ul	-0.01
73) Anthracene-d10	17.610	188	2030401	35.166	ng/ul	0.00
81) Pyrene-d10	19.828	212	2587924	33.345	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	3119517	36.697	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	49841	10.621	ng/uL#	87
5) Pyridine	3.875	79	358544	27.848	ng/ul	93
6) Benzaldehyde	7.240	77	277910	64.176	ng/ul	98
8) Phenol	7.293	94	525298	32.515	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.522	93	395559	30.603	ng/ul	99
12) 2-Chlorophenol	7.669	128	406130	33.146	ng/ul	99
13) 2-Methylphenol	8.558	108	408607	32.724	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.640	45	491108	30.326	ng/ul	99
16) Acetophenone	8.946	105	653839	33.370	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.928	70	335444	32.643	ng/ul	96
18) 4-Methylphenol	8.893	108	454090	33.041	ng/ul	98
19) Hexachloroethane	9.199	117	165347	33.050	ng/ul#	78
22) Nitrobenzene	9.328	77	503610	34.816	ng/ul	98
23) Isophorone	9.858	82	997636	33.554	ng/ul	98
25) 2-Nitrophenol	10.046	139	255044	35.690	ng/ul#	93
26) 2,4-Dimethylphenol	10.099	107	502749	35.255	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.340	93	565477	31.259	ng/ul	99
29) 2,4-Dichlorophenol	10.587	162	438558	36.922	ng/ul	98
30) Naphthalene	10.987	128	1348762	33.286	ng/ul	99
32) 4-Chloroaniline	11.099	127	438745	24.535	ng/ul	98
33) Hexachlorobutadiene	11.263	225	305244	42.639	ng/ul	98
34) Caprolactam	11.887	113	159360m	35.586	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	498919	37.200	ng/ul	99
36) 2-Methylnaphthalene	12.587	142	946934	34.683	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	965476	35.214	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.951	216	586302	37.615	ng/ul	98
40) Hexachlorocyclopentadiene	12.922	237	313473	31.040	ng/ul	99
41) 2,4,6-Trichlorophenol	13.193	196	379210	34.454	ng/ul	97
42) 2,4,5-Trichlorophenol	13.269	196	431047	36.120	ng/ul	99
43) 1,1'-Biphenyl	13.587	154	1334999	33.016	ng/ul	98
44) 2-Chloronaphthalene	13.634	162	1069371	33.864	ng/ul	100
45) 2-Nitroaniline	13.840	65	343485	38.016	ng/ul	94
47) Dimethylphthalate	14.204	163	1436758	35.031	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	319821	39.360	ng/ul	94
50) Acenaphthylene	14.475	152	1673484	33.299	ng/ul	99
51) 3-Nitroaniline	14.663	138	309322	42.277	ng/ul	95
52) Acenaphthene	14.816	153	1148054	33.447	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	219237	40.637	ng/ul	94
55) 4-Nitrophenol	14.969	109	251885	44.783	ng/ul#	79
56) Dibenzofuran	15.151	168	1651745	34.597	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	466125	39.644	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.375	232	372101	36.946	ng/ul	94
59) Diethylphthalate	15.563	149	1458835	35.663	ng/ul	99
61) Fluorene	15.798	166	1341144	34.956	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.787	204	709997	37.874	ng/ul	99
63) 4-Nitroaniline	15.828	138	337556	53.425	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.887	198	303817	37.046	ng/ul#	94
67) N-Nitrosodiphenylamine	16.004	169	1185175	31.966	ng/ul	99
68) 4-Bromophenyl-phenylether	16.687	248	505080	38.889	ng/ul	95
69) Hexachlorobenzene	16.810	284	626104	40.794	ng/ul#	91
70) Atrazine	16.951	200	15955	1.164	ng/ul	97
71) Pentachlorophenol	17.157	266	327620	34.125	ng/ul	96
72) Phenanthrene	17.551	178	2289401	33.343	ng/ul	99
74) Anthracene	17.639	178	2284554	32.904	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.557	216	610601	34.154	ng/uL	99
76) Pentachlorobenzene	15.069	250	647615	36.077	ng/uL	95
77) Carbazole	17.910	167	2108663	34.634	ng/ul	99
78) Di-n-butylphthalate	18.434	149	2602213	33.189	ng/ul	99
80) Fluoranthene	19.504	202	2931737	30.993	ng/ul#	93
82) Pyrene	19.857	202	3000654	30.717	ng/ul#	93
83) Butylbenzylphthalate	20.704	149	1284064	29.651	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	1172168	39.884	ng/ul#	98
85) Benzo(a)anthracene	21.569	228	3179162	34.359	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1887006	30.266	ng/ul#	99
87) Chrysene	21.628	228	3002003	33.940	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	3348898	28.554	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	3631612	33.453	ng/ul#	97
91) Benzo(k)fluoranthene	23.410	252	3533247	33.895	ng/ul#	97
93) Benzo(a)pyrene	24.033	252	3198624	33.334	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.863	276	4190217	33.726	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.874	278	3486030	34.180	ng/ul#	95
96) Benzo(g,h,i)perylene	27.698	276	3367422	33.237	ng/ul#	94

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

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