Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014628.D
Acq On : 10 Apr 2023 14:48
Operator : CG/JU
Sample : PB151978BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS978

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 01:14:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 01:13:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	116724	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	485773	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.646	164	303117	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	664861	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	692414	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	762458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	19063	6.333	ng/uL	0.00
4) Pyridine-d5	3.799	84	166868	21.633	ng/ul	0.00
7) Phenol-d5	7.158	99	311889	28.973	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.317	67	211399	30.607	ng/ul	0.00
11) 2-Chlorophenol-d4	7.517	132	232136	29.836	ng/ul	0.00
15) 4-Methylphenol-d8	8.711	113	242878	27.971	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	112155	28.600	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	128740	28.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	230510	28.187	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	171134	15.887	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	700379	28.497	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	781186	28.645	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	112434	30.282	ng/ul	0.00
60) Fluorene-d10	15.640	176	582769	28.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	139021	28.417	ng/ul	0.00
73) Anthracene-d10	17.504	188	934090	29.030	ng/ul	0.00
81) Pyrene-d10	19.734	212	1174349	25.250	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	1217110	30.045	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	42118	12.733	ng/uL	92
5) Pyridine	3.823	79	220216	27.281	ng/ul	95
6) Benzaldehyde	7.128	77	134829m	25.198	ng/ul	
8) Phenol	7.181	94	337462	30.219	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.411	93	269375	30.017	ng/ul	95
12) 2-Chlorophenol	7.552	128	247045	30.507	ng/ul	93
13) 2-Methylphenol	8.440	108	240884	28.925	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	394266	33.462	ng/ul	99
16) Acetophenone	8.828	105	406780	28.370	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.805	70	230076	29.702	ng/ul	92
18) 4-Methylphenol	8.775	108	262397	28.690	ng/ul	97
19) Hexachloroethane	9.069	117	115095	32.528	ng/ul	92
22) Nitrobenzene	9.211	77	348847	30.965	ng/ul	98
23) Isophorone	9.734	82	606931	29.226	ng/ul	98
25) 2-Nitrophenol	9.922	139	139139	29.356	ng/ul	93
26) 2,4-Dimethylphenol	9.981	107	305155	28.765	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.216	93	357649	28.726	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	233730	29.041	ng/ul	95
30) Naphthalene	10.863	128	791243	29.242	ng/ul	99
32) 4-Chloroaniline	10.987	127	185671	17.017	ng/ul	100
33) Hexachlorobutadiene	11.134	225	182219	28.578	ng/ul	98
34) Caprolactam	11.787	113	73856m	31.063	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	281270	28.413	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	515797	28.128	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	531745	29.239	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.834	216	304879	28.211	ng/ul	97
40) Hexachlorocyclopentadiene	12.804	237	180650	25.812	ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	188472	28.182	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	206883	29.058	ng/ul	95
43) 1,1'-Biphenyl	13.475	154	702316	28.679	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	557284	28.781	ng/ul	99
45) 2-Nitroaniline	13.740	65	199414	33.255	ng/ul	96
47) Dimethylphthalate	14.099	163	725732	29.533	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	145485	30.303	ng/ul	95
50) Acenaphthylene	14.369	152	866281	29.827	ng/ul	99
51) 3-Nitroaniline	14.569	138	129139	30.024	ng/ul	99
52) Acenaphthene	14.704	153	599361	29.204	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	91698	29.494	ng/ul	88
55) 4-Nitrophenol	14.881	109	116148	31.696	ng/ul	94
56) Dibenzofuran	15.040	168	838083	29.049	ng/ul	98
57) 2,4-Dinitrotoluene	15.022	165	215780	31.685	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.275	232	183360	28.655	ng/ul	98
59) Diethylphthalate	15.457	149	742055	30.388	ng/ul	98
61) Fluorene	15.693	166	688131	29.426	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	359748	28.633	ng/ul	100
63) 4-Nitroaniline	15.734	138	116086	33.218	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.787	198	137614	29.026	ng/ul	97
67) N-Nitrosodiphenylamine	15.904	169	586287	28.342	ng/ul	98
68) 4-Bromophenyl-phenylether	16.587	248	222639	26.911	ng/ul	99
69) Hexachlorobenzene	16.704	284	262481	27.621	ng/ul	100
70) Atrazine	16.863	200	46871	6.224	ng/ul	97
71) Pentachlorophenol	17.057	266	146657	26.639	ng/ul	98
72) Phenanthrene	17.451	178	1115224	30.150	ng/ul	99
74) Anthracene	17.540	178	1120600	30.059	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	305951	26.142	ng/uL	96
76) Pentachlorobenzene	14.957	250	307493	26.332	ng/uL	98
77) Carbazole	17.816	167	988024	31.670	ng/ul	99
78) Di-n-butylphthalate	18.345	149	1279616	32.620	ng/ul	100
80) Fluoranthene	19.410	202	1388962	25.258	ng/ul	98
82) Pyrene	19.763	202	1452232	25.295	ng/ul	97
83) Butylbenzylphthalate	20.622	149	636264	32.174	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.410	252	396322	25.881	ng/ul	98
85) Benzo(a)anthracene	21.480	228	1490017	30.367	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.375	149	928460	34.333	ng/ul	99
87) Chrysene	21.533	228	1415904	30.561	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1615938	32.659	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1533434	29.779	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	1545520	30.902	ng/ul	100
93) Benzo(a)pyrene	23.892	252	1364375	30.781	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	1809126	29.667	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	1503243	29.443	ng/ul	99
96) Benzo(g,h,i)perylene	27.451	276	1460065	29.373	ng/ul	98

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

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