Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014487.D
Acq On : 03 Apr 2023 15:15
Operator : CG/JU
Sample : PB151780BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS780

Manual Integrations APPROVED

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

Quant Time: Apr 04 00:53:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:41:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	142038	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	612660	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.663	164	414368	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	966144	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	999822	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	981422	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	18991	5.185	ng/uL	0.00
4) Pyridine-d5	3.822	84	150357	16.019	ng/ul	0.00
7) Phenol-d5	7.181	99	381721	29.140	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	237369	28.243	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	277815	29.343	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	308317	29.179	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	141475	28.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	167332	29.546	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	306811	29.747	ng/ul	0.00
31) 4-Chloroaniline-d4	10.981	131	40476	2.979	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	953542	28.381	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	1064393	28.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	158232	31.174	ng/ul	0.01
60) Fluorene-d10	15.657	176	816524	29.143	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	192157	27.030	ng/ul	0.00
73) Anthracene-d10	17.528	188	1334278	28.536	ng/ul	0.00
81) Pyrene-d10	19.757	212	1649502	24.562	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1507727	28.916	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	41637	10.344	ng/uL	97
5) Pyridine	3.840	79	292381	29.766	ng/ul	99
6) Benzaldehyde	7.152	77	121160m	18.608	ng/ul	
8) Phenol	7.205	94	400908	29.503	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	305736	27.997	ng/ul	98
12) 2-Chlorophenol	7.575	128	285499	28.972	ng/ul	96
13) 2-Methylphenol	8.463	108	294909	29.101	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	421293	29.383	ng/ul	100
16) Acetophenone	8.846	105	493713	28.296	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	270841	28.733	ng/ul	96
18) 4-Methylphenol	8.799	108	328725	29.536	ng/ul	100
19) Hexachloroethane	9.093	117	123502	28.683	ng/ul	97
22) Nitrobenzene	9.228	77	406602	28.616	ng/ul	98
23) Isophorone	9.757	82	751730	28.702	ng/ul	99
25) 2-Nitrophenol	9.946	139	175052	29.284	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	379619	28.373	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.240	93	437420	27.856	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	301814	29.734	ng/ul	98
30) Naphthalene	10.881	128	966805	28.330	ng/ul	100
32) 4-Chloroaniline	11.004	127	234141	17.015	ng/ul	99
33) Hexachlorobutadiene	11.157	225	220047	27.364	ng/ul	99
34) Caprolactam	11.804	113	103713m	34.586	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	378218	30.294	ng/ul	97
36) 2-Methylnaphthalene	12.487	142	654725	28.310	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	678662	29.588	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.851	216	401866	27.201	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	196681	20.558	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	256804	28.090	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	285363	29.320	ng/ul	97
43) 1,1'-Biphenyl	13.493	154	918270	27.430	ng/ul	99
44) 2-Chloronaphthalene	13.540	162	732734	27.682	ng/ul	99
45) 2-Nitroaniline	13.757	65	263863	32.189	ng/ul	98
47) Dimethylphthalate	14.116	163	959430	28.561	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	198817	30.293	ng/ul	97
50) Acenaphthylene	14.387	152	1141861	28.760	ng/ul	99
51) 3-Nitroaniline	14.587	138	177662	30.216	ng/ul	97
52) Acenaphthene	14.728	153	792517	28.248	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	116528	27.417	ng/ul	91
55) 4-Nitrophenol	14.904	109	158344	31.610	ng/ul	93
56) Dibenzofuran	15.063	168	1119796	28.392	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	298082	32.019	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	255762	29.238	ng/ul	97
59) Diethylphthalate	15.481	149	986425	29.550	ng/ul	99
61) Fluorene	15.716	166	935582	29.266	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	488759	28.457	ng/ul	98
63) 4-Nitroaniline	15.757	138	199722	41.806	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.804	198	186596	27.084	ng/ul	97
67) N-Nitrosodiphenylamine	15.922	169	799616	26.601	ng/ul	98
68) 4-Bromophenyl-phenylether	16.604	248	315955	26.281	ng/ul	99
69) Hexachlorobenzene	16.722	284	365598	26.475	ng/ul	99
70) Atrazine	16.881	200	96138	8.786	ng/ul	96
71) Pentachlorophenol	17.075	266	201804	25.225	ng/ul	99
72) Phenanthrene	17.469	178	1527074	28.410	ng/ul	100
74) Anthracene	17.563	178	1560358	28.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	403836	23.746	ng/uL	97
76) Pentachlorobenzene	14.981	250	421594	24.845	ng/uL	97
77) Carbazole	17.833	167	1417914	31.276	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1772108	31.087	ng/ul	100
80) Fluoranthene	19.428	202	1916883	24.141	ng/ul	97
82) Pyrene	19.786	202	2002359	24.154	ng/ul	99
83) Butylbenzylphthalate	20.639	149	877957	30.745	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.427	252	506832	22.921	ng/ul	99
85) Benzo(a)anthracene	21.498	228	2025663	28.591	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1289071	33.012	ng/ul	100
87) Chrysene	21.557	228	1908781	28.532	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2196894	34.494	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1988926	30.007	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1873230	29.098	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1658400	29.067	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	2010779	25.617	ng/ul	99
95) Dibenzo(a,h)anthracene	26.692	278	1678760	25.545	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	1599521	24.999	ng/ul	98

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

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