Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042523\
Data File : BN025131.D
Acq On : 25 Apr 2023 15:59
Operator : CG/JU
Sample : PB152284BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS284

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Quant Time: Apr 26 00:45:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 08:52:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	273782	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1251994	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	814601	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1802645	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1658432	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	1661947	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	58141	8.082	ng/uL	0.00
4) Pyridine-d5	3.711	84	630035	29.250	ng/ul	0.00
7) Phenol-d5	7.075	99	836295	31.331	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	570558	31.958	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	648351	33.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	673339	31.776	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	326005	32.159	ng/ul	0.00
24) 2-Nitrophenol-d4	9.805	143	367601	33.479	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	653989	33.323	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	905721	30.410	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	2057438	32.580	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2350894	32.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	421638	32.572	ng/ul	0.00
60) Fluorene-d10	15.551	176	1771291	33.221	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	374885	31.955	ng/ul	0.00
73) Anthracene-d10	17.410	188	2665474	31.483	ng/ul	0.00
81) Pyrene-d10	19.704	212	3177095	32.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	2952404	33.976	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	85367	10.997	ng/uL	98
5) Pyridine	3.734	79	630421	28.328	ng/ul	96
6) Benzaldehyde	7.052	77	484281	37.133	ng/ul	96
8) Phenol	7.105	94	873699	31.430	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.334	93	684108	31.347	ng/ul	98
12) 2-Chlorophenol	7.475	128	643767	31.423	ng/ul	98
13) 2-Methylphenol	8.358	108	635044	31.115	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1371490	32.005	ng/ul	99
16) Acetophenone	8.746	105	1072883	32.021	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	586464	32.450	ng/ul	98
18) 4-Methylphenol	8.693	108	717002	31.592	ng/ul	96
19) Hexachloroethane	8.993	117	258257	31.234	ng/ul	97
22) Nitrobenzene	9.128	77	863227	31.690	ng/ul	99
23) Isophorone	9.652	82	1618457	32.368	ng/ul	100
25) 2-Nitrophenol	9.840	139	384458	32.459	ng/ul	99
26) 2,4-Dimethylphenol	9.899	107	682526	27.369	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	979414	31.475	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	645271	32.760	ng/ul	98
30) Naphthalene	10.775	128	2177476	31.141	ng/ul	99
32) 4-Chloroaniline	10.893	127	840338	27.871	ng/ul	99
33) Hexachlorobutadiene	11.057	225	372110	32.412	ng/ul	95
34) Caprolactam	11.663	113	224677m	32.544	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	759391	32.882	ng/ul	97
36) 2-Methylnaphthalene	12.387	142	1489939	32.242	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1508673	32.705	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	755034	31.776	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	289468	19.978	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	516367	31.806	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	569149	32.035	ng/ul	100
43) 1,1'-Biphenyl	13.398	154	2006376	30.913	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	1564770	31.049	ng/ul	100
45) 2-Nitroaniline	13.646	65	582630	33.108	ng/ul	97
47) Dimethylphthalate	14.022	163	2064214	32.488	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	421881	34.017	ng/ul	99
50) Acenaphthylene	14.287	152	2516055	31.655	ng/ul	98
51) 3-Nitroaniline	14.475	138	441944	33.910	ng/ul	97
52) Acenaphthene	14.628	153	1729951	31.483	ng/ul	98
53) 2,4-Dinitrophenol	14.681	184	228261	28.625	ng/ul	97
55) 4-Nitrophenol	14.781	109	343360	32.590	ng/ul	94
56) Dibenzofuran	14.957	168	2424210	32.007	ng/ul	97
57) 2,4-Dinitrotoluene	14.928	165	620406	34.558	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.187	232	496163	33.915	ng/ul	97
59) Diethylphthalate	15.381	149	2107124	33.003	ng/ul	99
61) Fluorene	15.610	166	2002700	32.874	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.604	204	959462	33.836	ng/ul	96
63) 4-Nitroaniline	15.640	138	486274	37.861	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	361531	31.460	ng/ul	98
67) N-Nitrosodiphenylamine	15.816	169	1700822	31.100	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	590561	32.593	ng/ul	99
69) Hexachlorobenzene	16.616	284	697276	33.989	ng/ul	98
70) Atrazine	16.769	200	473663	25.453	ng/ul	99
71) Pentachlorophenol	16.957	266	408711	32.052	ng/ul	97
72) Phenanthrene	17.351	178	3223240	31.686	ng/ul	99
74) Anthracene	17.445	178	3191802	31.138	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	767471	29.933	ng/uL	97
76) Pentachlorobenzene	14.881	250	789988	32.204	ng/uL	98
77) Carbazole	17.716	167	2980254	32.200	ng/ul	98
78) Di-n-butylphthalate	18.275	149	3706597	33.740	ng/ul	99
80) Fluoranthene	19.369	202	3776526	32.720	ng/ul	99
82) Pyrene	19.733	202	3895311	32.063	ng/ul	98
83) Butylbenzylphthalate	20.627	149	1708233	33.868	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.422	252	1129876	29.694	ng/ul	95
85) Benzo(a)anthracene	21.486	228	3769212	31.645	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	2507381	33.301	ng/ul	100
87) Chrysene	21.539	228	3587103	31.618	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	4271601	37.401	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	3855418	35.374	ng/ul	96
91) Benzo(k)fluoranthene	23.245	252	3596059	33.531	ng/ul	100
93) Benzo(a)pyrene	23.839	252	3249613	34.055	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.486	276	3837075m	33.188	ng/ul	
95) Dibenzo(a,h)anthracene	26.510	278	3248003	34.028	ng/ul	98
96) Benzo(g,h,i)perylene	27.274	276	3098606m	33.028	ng/ul	

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

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