Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024596.D
Acq On : 28 Mar 2023 21:49
Operator : CG/JU
Sample : PB151703BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS703

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 05:04:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 03:32:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	354141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1596987	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1024591	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2177398	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1989320	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	2122482	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	52856	5.787	ng/uL	0.00
4) Pyridine-d5	3.799	84	745700	28.273	ng/ul	0.00
7) Phenol-d5	7.157	99	1080155	32.229	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	687303	31.757	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	810703	32.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	864421	32.251	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	416928	32.988	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	460001	33.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	834394	33.581	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1130927	29.830	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2484907	31.538	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	2925683	32.610	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	534645	32.421	ng/ul	0.00
60) Fluorene-d10	15.633	176	2141558	31.678	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	471242	32.858	ng/ul	0.00
73) Anthracene-d10	17.486	188	3300863	32.231	ng/ul	0.00
81) Pyrene-d10	19.780	212	3729202	32.421	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.909	264	3757837	34.942	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	116540	11.841	ng/uL	98
5) Pyridine	3.816	79	808936	29.465	ng/ul	96
6) Benzaldehyde	7.134	77	641533	41.938	ng/ul	96
8) Phenol	7.187	94	1124698	32.329	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	884057	32.226	ng/ul	98
12) 2-Chlorophenol	7.563	128	838451	32.344	ng/ul	98
13) 2-Methylphenol	8.445	108	842134	32.415	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1553985	31.888	ng/ul	100
16) Acetophenone	8.834	105	1353884	32.358	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.822	70	720678	32.729	ng/ul	100
18) 4-Methylphenol	8.781	108	932318	32.324	ng/ul	100
19) Hexachloroethane	9.087	117	329736	32.206	ng/ul	97
22) Nitrobenzene	9.216	77	1065346	32.451	ng/ul	99
23) Isophorone	9.745	82	2019010	33.088	ng/ul	98
25) 2-Nitrophenol	9.928	139	496661	33.394	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	965740	31.261	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1241514	31.704	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	818472	32.476	ng/ul	95
30) Naphthalene	10.869	128	2802893	31.586	ng/ul	99
32) 4-Chloroaniline	10.981	127	1162475	30.279	ng/ul	100
33) Hexachlorobutadiene	11.151	225	460030	31.695	ng/ul	98
34) Caprolactam	11.763	113	291140m	33.403	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	963044	33.424	ng/ul	99
36) 2-Methylnaphthalene	12.475	142	1883536	31.705	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1956791	33.243	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	948483	31.229	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	565297	29.577	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	651832	32.213	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	739639	33.258	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	2511960	30.858	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	1991643	31.340	ng/ul	99
45) 2-Nitroaniline	13.728	65	688262	34.858	ng/ul	96
47) Dimethylphthalate	14.098	163	2552942	31.907	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	533704	35.215	ng/ul	98
50) Acenaphthylene	14.369	152	3146951	32.038	ng/ul	100
51) 3-Nitroaniline	14.551	138	568291	35.277	ng/ul	95
52) Acenaphthene	14.704	153	2156853	31.510	ng/ul	95
53) 2,4-Dinitrophenol	14.751	184	329173	31.975	ng/ul	99
55) 4-Nitrophenol	14.851	109	413634	32.784	ng/ul	98
56) Dibenzofuran	15.039	168	3011201	31.614	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	769633	34.663	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	620165	33.463	ng/ul	98
59) Diethylphthalate	15.457	149	2533423	32.357	ng/ul	99
61) Fluorene	15.692	166	2426915	31.778	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.680	204	1145569	31.615	ng/ul	99
63) 4-Nitroaniline	15.716	138	609535	38.408	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	463548	32.685	ng/ul#	95
67) N-Nitrosodiphenylamine	15.892	169	2129613	32.707	ng/ul	94
68) 4-Bromophenyl-phenylether	16.574	248	705650	32.470	ng/ul	99
69) Hexachlorobenzene	16.692	284	817213	31.952	ng/ul	96
70) Atrazine	16.845	200	570796	25.659	ng/ul	96
71) Pentachlorophenol	17.033	266	507554	32.463	ng/ul	96
72) Phenanthrene	17.433	178	3945144	32.334	ng/ul	98
74) Anthracene	17.521	178	3892583	31.756	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.445	216	943186	30.299	ng/uL	97
76) Pentachlorobenzene	14.957	250	961040	31.782	ng/uL	96
77) Carbazole	17.792	167	3707335	33.638	ng/ul	99
78) Di-n-butylphthalate	18.351	149	4301107	34.439	ng/ul	100
80) Fluoranthene	19.445	202	4517201	33.116	ng/ul	99
82) Pyrene	19.810	202	4691666	32.627	ng/ul	97
83) Butylbenzylphthalate	20.698	149	1920988	35.085	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	1512255	32.520	ng/ul	97
85) Benzo(a)anthracene	21.562	228	4477698	31.864	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	2709391	35.491	ng/ul#	100
87) Chrysene	21.615	228	4325305	32.528	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	4699073	36.547	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	4710992	33.896	ng/ul	97
91) Benzo(k)fluoranthene	23.356	252	4559795	34.367	ng/ul	97
93) Benzo(a)pyrene	23.962	252	4127688	33.916	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.680	276	5312475m	34.254	ng/ul	
95) Dibenzo(a,h)anthracene	26.697	278	4227742m	32.870	ng/ul	
96) Benzo(g,h,i)perylene	27.480	276	4325826m	33.570	ng/ul	

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

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