Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025085.D
Acq On : 22 Apr 2023 20:30
Operator : CG/JU
Sample : PB152278BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 23 00:42:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:37:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS278

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	271716	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1249906	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	836999	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1897487	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1882934	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	2145479	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	42331	5.929	ng/uL	0.00
4) Pyridine-d5	3.717	84	614858	28.762	ng/ul	0.00
7) Phenol-d5	7.075	99	870123	32.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	578902	32.672	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	629269	32.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	692437	32.926	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	331399	32.746	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	373066	34.033	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	657645	33.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	910874	30.634	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	2208122	34.031	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2391784	32.167	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	465479	34.997	ng/ul	0.00
60) Fluorene-d10	15.557	176	1809790	33.035	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	410369	33.232	ng/ul	0.00
73) Anthracene-d10	17.410	188	2876166	32.274	ng/ul	0.00
81) Pyrene-d10	19.704	212	3427929	31.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	3772872	33.632	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	85479	11.095	ng/uL	96
5) Pyridine	3.740	79	617073	27.939	ng/ul	98
6) Benzaldehyde	7.052	77	450396	34.798	ng/ul	97
8) Phenol	7.105	94	879977	31.896	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.340	93	687859	31.758	ng/ul	99
12) 2-Chlorophenol	7.475	128	639962	31.474	ng/ul	98
13) 2-Methylphenol	8.363	108	644392	31.813	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1358683	31.947	ng/ul	99
16) Acetophenone	8.746	105	1080990	32.508	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.734	70	598850	33.387	ng/ul	99
18) 4-Methylphenol	8.693	108	721965	32.053	ng/ul	93
19) Hexachloroethane	8.999	117	253550	30.898	ng/ul	100
22) Nitrobenzene	9.128	77	860367	31.638	ng/ul	99
23) Isophorone	9.652	82	1664411	33.343	ng/ul	100
25) 2-Nitrophenol	9.840	139	385925	32.637	ng/ul	99
26) 2,4-Dimethylphenol	9.899	107	674003	27.072	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	1002692	32.277	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	642357	32.666	ng/ul	98
30) Naphthalene	10.781	128	2206451	31.609	ng/ul	99
32) 4-Chloroaniline	10.893	127	850788	28.265	ng/ul	100
33) Hexachlorobutadiene	11.063	225	366101	31.942	ng/ul	97
34) Caprolactam	11.669	113	229916m	33.358	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	786833	34.127	ng/ul	98
36) 2-Methylnaphthalene	12.387	142	1499751	32.508	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.610	142	1547835	33.610	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.757	216	751702	30.789	ng/ul	98
40)	Hexachlorocyclopentadiene	12.734	237	399371	26.826	ng/ul	98
41)	2,4,6-Trichlorophenol	12.998	196	515040	30.875	ng/ul	94
42)	2,4,5-Trichlorophenol	13.069	196	587441	32.180	ng/ul	96
43)	1,1'-Biphenyl	13.398	154	2035100	30.517	ng/ul	100
44)	2-Chloronaphthalene	13.440	162	1567867	30.278	ng/ul	97
45)	2-Nitroaniline	13.651	65	608087	33.630	ng/ul	96
47)	Dimethylphthalate	14.022	163	2192915	33.590	ng/ul	100
48)	2,6-Dinitrotoluene	14.145	165	439080	34.456	ng/ul	97
50)	Acenaphthylene	14.287	152	2560366	31.351	ng/ul	99
51)	3-Nitroaniline	14.475	138	460950	34.421	ng/ul	97
52)	Acenaphthene	14.628	153	1791462	31.730	ng/ul	100
53)	2,4-Dinitrophenol	14.681	184	265893	32.452	ng/ul	96
55)	4-Nitrophenol	14.781	109	370162	34.194	ng/ul	96
56)	Dibenzofuran	14.963	168	2490768	32.006	ng/ul	97
57)	2,4-Dinitrotoluene	14.934	165	659691	35.763	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.187	232	501092	33.335	ng/ul	99
59)	Diethylphthalate	15.387	149	2267682	34.567	ng/ul	98
61)	Fluorene	15.610	166	2063379	32.964	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.604	204	977195	33.540	ng/ul	96
63)	4-Nitroaniline	15.639	138	499355	37.839	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.692	198	396838	32.806	ng/ul	97
67)	N-Nitrosodiphenylamine	15.822	169	1797050	31.217	ng/ul	97
68)	4-Bromophenyl-phenylether	16.498	248	603306	31.632	ng/ul	95
69)	Hexachlorobenzene	16.616	284	695964	32.229	ng/ul	98
70)	Atrazine	16.775	200	495837	25.313	ng/ul	98
71)	Pentachlorophenol	16.963	266	415539	30.959	ng/ul	96
72)	Phenanthrene	17.357	178	3373334	31.504	ng/ul	99
74)	Anthracene	17.445	178	3382046	31.345	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.363	216	767677	28.444	ng/uL	97
76)	Pentachlorobenzene	14.881	250	781514	30.266	ng/uL	97
77)	Carbazole	17.722	167	3241271	33.269	ng/ul	99
78)	Di-n-butylphthalate	18.280	149	4065910	35.161	ng/ul	100
80)	Fluoranthene	19.375	202	4087768	31.194	ng/ul	98
82)	Pyrene	19.739	202	4262011	30.899	ng/ul	96
83)	Butylbenzylphthalate	20.633	149	1972862	34.451	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.421	252	1478862	34.231	ng/ul	92
85)	Benzo(a)anthracene	21.486	228	4223217	31.229	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.410	149	2961046	34.637	ng/ul	99
87)	Chrysene	21.545	228	4072680	31.618	ng/ul	99
89)	Di-n-octyl phthalate	22.345	149	5369289	36.416	ng/ul	100
90)	Benzo(b)fluoranthene	23.198	252	4679395	33.258	ng/ul	99
91)	Benzo(k)fluoranthene	23.245	252	4503650	32.529	ng/ul	100
93)	Benzo(a)pyrene	23.833	252	4091529	33.214	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.468	276	5276921	35.355	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.486	278	4435402	35.995	ng/ul	99
96)	Benzo(g,h,i)perylene	27.245	276	4364612	36.037	ng/ul	98

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

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