Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022811.D
Acq On : 22 Nov 2022 06:27
Operator : CG/JU
Sample : PB149178BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 22 06:59:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS178

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2022
Supervised By :mohammad ahmed 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	62932	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	305579	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	197778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	402862	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	399741	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	398367	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10240	5.555	ng/uL	0.00
4) Pyridine-d5	3.611	84	141855	27.213	ng/ul	0.00
7) Phenol-d5	7.016	99	191849	32.277	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	120585	33.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	142976	32.846	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	155536	33.146	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	74517	31.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	83354	31.583	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	144065	32.019	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	197959	28.885	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	471878	32.802	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	526146	33.194	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	95127	33.171	ng/ul	0.00
60) Fluorene-d10	15.510	176	399252	33.839	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	81185	31.705	ng/ul	0.00
73) Anthracene-d10	17.375	188	604749	34.282	ng/ul	0.00
81) Pyrene-d10	19.674	212	681131	32.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	675770	33.746	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	19681	10.033	ng/uL	94
5) Pyridine	3.628	79	141711	27.418	ng/ul	95
6) Benzaldehyde	6.987	77	112236	37.323	ng/ul	98
8) Phenol	7.040	94	196824	31.794	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	150004	31.097	ng/ul	97
12) 2-Chlorophenol	7.405	128	145609	31.328	ng/ul	97
13) 2-Methylphenol	8.305	108	144623	31.386	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	217008	34.080	ng/ul	97
16) Acetophenone	8.687	105	250050	33.387	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	135763	34.012	ng/ul	99
18) 4-Methylphenol	8.640	108	162130	32.404	ng/ul	100
19) Hexachloroethane	8.922	117	62553	31.787	ng/ul	97
22) Nitrobenzene	9.069	77	202398	31.584	ng/ul	98
23) Isophorone	9.599	82	382485	31.203	ng/ul	99
25) 2-Nitrophenol	9.781	139	90346	31.137	ng/ul	97
26) 2,4-Dimethylphenol	9.846	107	180805	29.049	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	218924	30.970	ng/ul	97
29) 2,4-Dichlorophenol	10.316	162	143740	31.432	ng/ul	99
30) Naphthalene	10.716	128	501113	30.896	ng/ul	99
32) 4-Chloroaniline	10.840	127	197167	27.548	ng/ul	97
33) Hexachlorobutadiene	10.987	225	89177	31.681	ng/ul	97
34) Caprolactam	11.634	113	53961m	31.103	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	193378	32.423	ng/ul	98
36) 2-Methylnaphthalene	12.334	142	348678	31.557	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	352459	31.821	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	166676	31.397	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	83109	26.814	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	116713	30.966	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	126314	31.647	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	456497	31.445	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	352398	31.152	ng/ul	98
45) 2-Nitroaniline	13.610	65	136402	33.203	ng/ul	96
47) Dimethylphthalate	13.981	163	483961	32.008	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	98335	32.129	ng/ul	98
50) Acenaphthylene	14.239	152	567531	32.051	ng/ul	98
51) 3-Nitroaniline	14.439	138	100274	30.427	ng/ul	98
52) Acenaphthene	14.581	153	403072	32.083	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	57180	26.732	ng/ul	94
55) 4-Nitrophenol	14.751	109	92071	32.389	ng/ul	99
56) Dibenzofuran	14.916	168	528307	31.826	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	148794	33.384	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	108878	31.850	ng/ul	97
59) Diethylphthalate	15.345	149	515396	32.160	ng/ul	99
61) Fluorene	15.569	166	455399	32.851	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	209573	32.072	ng/ul	92
63) 4-Nitroaniline	15.610	138	100111	34.063	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	82044	30.997	ng/ul	100
67) N-Nitrosodiphenylamine	15.781	169	386917	32.078	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	124102	31.282	ng/ul	90
69) Hexachlorobenzene	16.569	284	149971	32.339	ng/ul	95
70) Atrazine	16.739	200	138513	32.216	ng/ul	96
71) Pentachlorophenol	16.922	266	93058	31.583	ng/ul	99
72) Phenanthrene	17.316	178	720217	33.168	ng/ul	96
74) Anthracene	17.404	178	717683	32.630	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	167528	31.534	ng/uL	97
76) Pentachlorobenzene	14.834	250	164509	28.692	ng/uL	98
77) Carbazole	17.686	167	684854	33.512	ng/ul	97
78) Di-n-butylphthalate	18.245	149	923300	31.746	ng/ul	100
80) Fluoranthene	19.339	202	815342	31.535	ng/ul	98
82) Pyrene	19.704	202	856690	32.346	ng/ul	99
83) Butylbenzylphthalate	20.604	149	433523	32.157	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	282486	32.028	ng/ul	93
85) Benzo(a)anthracene	21.457	228	848840	32.156	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	658643	33.100	ng/ul	99
87) Chrysene	21.510	228	779608	31.187	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1143724	32.645	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	847753	31.402	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	829205	32.358	ng/ul	96
93) Benzo(a)pyrene	23.763	252	721111	31.513	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	860145	33.051	ng/ul	98
95) Dibenzo(a,h)anthracene	26.386	278	753760	32.315	ng/ul	97
96) Benzo(g,h,i)perylene	27.133	276	709715m	31.277	ng/ul	

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

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