Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022776.D
Acq On : 19 Nov 2022 03:30
Operator : CG/JU
Sample : PB149167BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS167

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/21/2022
Supervised By :mohammad ahmed 11/21/2022

Quant Time: Nov 19 04:33:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 05:17:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	64665	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	319009	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	211578	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	440731	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	433050	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	446912	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10560	5.575	ng/uL	0.00
4) Pyridine-d5	3.610	84	146486	27.348	ng/ul	0.00
7) Phenol-d5	7.016	99	204345	33.458	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	126608	34.575	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	147552	32.989	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	167364	34.711	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	79114	32.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	87676	31.822	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	155897	33.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	215419	30.109	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	517196	33.608	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	578773	34.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	101840	33.195	ng/ul	0.00
60) Fluorene-d10	15.516	176	421840	33.422	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	90955	32.468	ng/ul	0.00
73) Anthracene-d10	17.374	188	671710	34.806	ng/ul	0.00
81) Pyrene-d10	19.680	212	754010	33.598	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	743846	33.110	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	19597	9.723	ng/uL#	95
5) Pyridine	3.628	79	140875	26.526	ng/ul	94
6) Benzaldehyde	6.987	77	113728	36.805	ng/ul	96
8) Phenol	7.046	94	194389	30.560	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	154622	31.195	ng/ul	98
12) 2-Chlorophenol	7.410	128	147269	30.836	ng/ul	97
13) 2-Methylphenol	8.310	108	148186	31.298	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	216628	33.109	ng/ul	99
16) Acetophenone	8.693	105	249532	32.425	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	138491	33.766	ng/ul	98
18) 4-Methylphenol	8.640	108	165074	32.108	ng/ul	99
19) Hexachloroethane	8.928	117	61287	30.309	ng/ul	98
22) Nitrobenzene	9.075	77	200826	30.019	ng/ul	98
23) Isophorone	9.604	82	392869	30.701	ng/ul	99
25) 2-Nitrophenol	9.787	139	88837	29.328	ng/ul	94
26) 2,4-Dimethylphenol	9.845	107	196066	30.175	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.087	93	225566	30.567	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	146432	30.673	ng/ul	99
30) Naphthalene	10.722	128	509813	30.109	ng/ul	100
32) 4-Chloroaniline	10.845	127	202737	27.133	ng/ul	100
33) Hexachlorobutadiene	10.992	225	90007	30.630	ng/ul	100
34) Caprolactam	11.639	113	57180m	31.571	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	198190	31.831	ng/ul	98
36) 2-Methylnaphthalene	12.339	142	359521	31.168	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	357788	30.943	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.704	216	169724	29.886	ng/ul	96
40) Hexachlorocyclopentadiene	12.675	237	87029	26.248	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	122329	30.339	ng/ul	95
42) 2,4,5-Trichlorophenol	13.028	196	131110	30.706	ng/ul	94
43) 1,1'-Biphenyl	13.351	154	470177	30.275	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	365713	30.221	ng/ul	97
45) 2-Nitroaniline	13.616	65	139581	31.760	ng/ul	98
47) Dimethylphthalate	13.986	163	504414	31.185	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	104484	31.911	ng/ul	98
50) Acenaphthylene	14.245	152	579596	30.598	ng/ul	99
51) 3-Nitroaniline	14.445	138	104573	29.662	ng/ul	98
52) Acenaphthene	14.586	153	408060	30.362	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	58933	25.755	ng/ul	98
55) 4-Nitrophenol	14.763	109	96561	31.753	ng/ul	96
56) Dibenzofuran	14.922	168	551642	31.065	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	153737	32.243	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	113971	31.166	ng/ul	98
59) Diethylphthalate	15.351	149	545722	31.832	ng/ul	99
61) Fluorene	15.574	166	459552	30.989	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.569	204	215941	30.891	ng/ul	97
63) 4-Nitroaniline	15.616	138	106857	33.987	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	87227	30.124	ng/ul	100
67) N-Nitrosodiphenylamine	15.786	169	401877	30.455	ng/ul	97
68) 4-Bromophenyl-phenylether	16.463	248	134770	31.052	ng/ul	94
69) Hexachlorobenzene	16.574	284	162516	32.033	ng/ul	92
70) Atrazine	16.745	200	148347	31.539	ng/ul	99
71) Pentachlorophenol	16.927	266	96730	30.009	ng/ul	96
72) Phenanthrene	17.321	178	745384	31.378	ng/ul	100
74) Anthracene	17.410	178	762072	31.671	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	171339	29.480	ng/uL	97
76) Pentachlorobenzene	14.839	250	173813	27.710	ng/uL	99
77) Carbazole	17.692	167	708313	31.682	ng/ul	98
78) Di-n-butylphthalate	18.251	149	961244	30.211	ng/ul	99
80) Fluoranthene	19.345	202	887222	31.676	ng/ul	99
82) Pyrene	19.710	202	892732	31.114	ng/ul	99
83) Butylbenzylphthalate	20.610	149	450634	30.855	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	298965	31.289	ng/ul	98
85) Benzo(a)anthracene	21.468	228	892155	31.198	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.386	149	682525	31.662	ng/ul	99
87) Chrysene	21.521	228	805396	29.740	ng/ul	96
89) Di-n-octyl phthalate	22.309	149	1188821	30.246	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	897611	29.637	ng/ul	96
91) Benzo(k)fluoranthene	23.192	252	877133	30.510	ng/ul	99
93) Benzo(a)pyrene	23.774	252	775191	30.196	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.386	276	933446	31.971	ng/ul	99
95) Dibenzo(a,h)anthracene	26.403	278	836160	31.954	ng/ul	98
96) Benzo(g,h,i)perylene	27.162	276	803204	31.552	ng/ul	99

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

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