Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023912.D
Acq On : 02 Feb 2023 19:35
Operator : CG/JU
Sample : PB150495BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS495

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 01:20:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	157629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	676726	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	439424	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	969496	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	807416	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	726453	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	20888	5.348	ng/uL	0.00
4) Pyridine-d5	3.663	84	289560	26.535	ng/ul	0.00
7) Phenol-d5	7.028	99	385731	28.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	240319	27.625	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	313277	29.107	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	313826	28.740	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	151154	27.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	172545	27.619	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	334510	28.676	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	391137	24.578	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1037150	29.563	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1123325	29.600	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	181244	28.495	ng/ul	0.00
60) Fluorene-d10	15.498	176	837482	28.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	188586	27.489	ng/ul	0.00
73) Anthracene-d10	17.351	188	1324115	29.337	ng/ul	0.00
81) Pyrene-d10	19.651	212	1526367	31.137	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	1166703	30.943	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	40897	10.166	ng/uL#	84
5) Pyridine	3.681	79	284729	25.967	ng/ul	99
6) Benzaldehyde	6.993	77	226022	37.762	ng/ul	98
8) Phenol	7.051	94	393579	28.442	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	316069	28.035	ng/ul	99
12) 2-Chlorophenol	7.416	128	313221	28.758	ng/ul	99
13) 2-Methylphenol	8.304	108	298831	28.462	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	392027	27.231	ng/ul	99
16) Acetophenone	8.687	105	485101	28.685	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	262013	28.223	ng/ul	98
18) 4-Methylphenol	8.640	108	323681	28.461	ng/ul	95
19) Hexachloroethane	8.934	117	130899	28.697	ng/ul	100
22) Nitrobenzene	9.069	77	391534	28.406	ng/ul	99
23) Isophorone	9.592	82	720456	27.693	ng/ul	99
25) 2-Nitrophenol	9.781	139	185369	28.573	ng/ul	97
26) 2,4-Dimethylphenol	9.845	107	370857	28.867	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	446456	28.090	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	327279	29.075	ng/ul	99
30) Naphthalene	10.716	128	1028275	28.057	ng/ul	100
32) 4-Chloroaniline	10.834	127	397474	25.096	ng/ul	99
33) Hexachlorobutadiene	10.992	225	224581	28.472	ng/ul	99
34) Caprolactam	11.622	113	97144m	27.618	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	349875	28.997	ng/ul	98
36) 2-Methylnaphthalene	12.328	142	724241	29.083	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	728497	28.595	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.692	216	435595	28.850	ng/ul	95
40) Hexachlorocyclopentadiene	12.669	237	280029	25.761	ng/ul	96
41) 2,4,6-Trichlorophenol	12.939	196	282777	28.386	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	306619	28.416	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	996412	28.775	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	783481	29.079	ng/ul	98
45) 2-Nitroaniline	13.592	65	231368	28.599	ng/ul	98
47) Dimethylphthalate	13.969	163	1005376	28.876	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	203109	29.424	ng/ul	99
50) Acenaphthylene	14.228	152	1174928	28.825	ng/ul	99
51) 3-Nitroaniline	14.422	138	183775	29.575	ng/ul	97
52) Acenaphthene	14.569	153	819980	28.979	ng/ul	97
53) 2,4-Dinitrophenol	14.627	184	119926	24.714	ng/ul	100
55) 4-Nitrophenol	14.733	109	157042	29.044	ng/ul	97
56) Dibenzofuran	14.904	168	1163136	28.815	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	295762	30.284	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.133	232	274883	28.565	ng/ul	98
59) Diethylphthalate	15.333	149	1020049	29.485	ng/ul	99
61) Fluorene	15.557	166	941058	28.508	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	511095	29.513	ng/ul	98
63) 4-Nitroaniline	15.586	138	193798	34.363	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.639	198	183234	27.741	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	826712	29.532	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	322924	28.440	ng/ul	91
69) Hexachlorobenzene	16.557	284	385808	29.411	ng/ul	96
70) Atrazine	16.721	200	315675	28.065	ng/ul	99
71) Pentachlorophenol	16.904	266	225573	26.857	ng/ul	89
72) Phenanthrene	17.298	178	1520093	29.112	ng/ul	100
74) Anthracene	17.386	178	1501299	28.848	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	433081	29.035	ng/uL	99
76) Pentachlorobenzene	14.822	250	427625	28.748	ng/uL	98
77) Carbazole	17.663	167	1330894	29.184	ng/ul	100
78) Di-n-butylphthalate	18.227	149	1686885	17.258	ng/ul	99
80) Fluoranthene	19.315	202	1761724	30.785	ng/ul	98
82) Pyrene	19.680	202	1828602	31.415	ng/ul	99
83) Butylbenzylphthalate	20.580	149	715416	29.470	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.374	252	548246	28.911	ng/ul	96
85) Benzo(a)anthracene	21.433	228	1656400	29.603	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1132083	31.610	ng/ul	99
87) Chrysene	21.486	228	1539916	29.827	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	1683199	30.804	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1511622	30.171	ng/ul	98
91) Benzo(k)fluoranthene	23.168	252	1445379	30.550	ng/ul	96
93) Benzo(a)pyrene	23.739	252	1245588	29.550	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	1530205	30.085	ng/ul	98
95) Dibenzo(a,h)anthracene	26.350	278	1261544	29.989	ng/ul	99
96) Benzo(g,h,i)perylene	27.097	276	1222310	30.519	ng/ul	97

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

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