Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022644.D
Acq On : 15 Nov 2022 11:05
Operator : CG/JU
Sample : SSTD01042
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010204

Quant Time: Nov 15 13:00:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 12:42:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	96857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	434789	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	280725	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	576440	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	580369	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	591125	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	11599	4.496	ng/uL	0.00
4) Pyridine-d5	3.634	84	79167	11.260	ng/ul	0.00
7) Phenol-d5	7.052	99	89020	10.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	55388	10.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	67651	10.585	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	70570	10.238	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	33674	11.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	36932	13.958	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	64573	11.020	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	98669	9.915	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	207174	10.797	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	233208	10.426	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	38376	10.051	ng/ul	0.00
60) Fluorene-d10	15.557	176	174503	10.452	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	33684	14.609	ng/ul	0.00
73) Anthracene-d10	17.422	188	262877	10.348	ng/ul	0.00
81) Pyrene-d10	19.727	212	304944	11.049	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	301605	10.764	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	12842	4.834	ng/uL#	86
5) Pyridine	3.658	79	79797	11.280	ng/ul	98
6) Benzaldehyde	7.010	77	50652	13.271	ng/ul	97
8) Phenol	7.081	94	93905	10.345	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	75523	10.434	ng/ul	97
12) 2-Chlorophenol	7.440	128	72731	10.607	ng/ul	98
13) 2-Methylphenol	8.340	108	69233	10.038	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	102247	11.199	ng/ul	98
16) Acetophenone	8.716	105	118533	10.873	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.699	70	63440	11.687	ng/ul	99
18) 4-Methylphenol	8.675	108	75896	10.017	ng/ul	98
19) Hexachloroethane	8.957	117	30899	11.306	ng/ul	97
22) Nitrobenzene	9.099	77	92594	12.684	ng/ul	99
23) Isophorone	9.628	82	180375	12.000	ng/ul	99
25) 2-Nitrophenol	9.816	139	40615	13.104	ng/ul	94
26) 2,4-Dimethylphenol	9.881	107	88950	11.590	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	102993	10.941	ng/ul	100
29) 2,4-Dichlorophenol	10.357	162	65881	10.730	ng/ul	99
30) Naphthalene	10.751	128	238591	10.539	ng/ul	99
32) 4-Chloroaniline	10.875	127	104106	10.095	ng/ul	99
33) Hexachlorobutadiene	11.028	225	40929	11.572	ng/ul	95
34) Caprolactam	11.669	113	24291	10.343	ng/ul	97
35) 4-Chloro-3-methylphenol	12.022	107	86628	12.520	ng/ul	100
36) 2-Methylnaphthalene	12.375	142	162779	10.629	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	162737	10.573	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.740	216	75548	10.495	ng/ul	96
40) Hexachlorocyclopentadiene	12.716	237	34573	8.067	ng/ul	96
41) 2,4,6-Trichlorophenol	12.993	196	53242	11.920	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	55504	11.326	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	212501	10.358	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	163628	10.418	ng/ul	97
45) 2-Nitroaniline	13.651	65	57906	14.700	ng/ul	98
47) Dimethylphthalate	14.022	163	223521	11.389	ng/ul	97
48) 2,6-Dinitrotoluene	14.151	165	42963	12.760	ng/ul	99
50) Acenaphthylene	14.281	152	258089	9.995	ng/ul	98
51) 3-Nitroaniline	14.481	138	43770	11.669	ng/ul	99
52) Acenaphthene	14.622	153	183839	11.018	ng/ul	96
53) 2,4-Dinitrophenol	14.692	184	25480	15.458	ng/ul	98
55) 4-Nitrophenol	14.810	109	38666	12.633	ng/ul	93
56) Dibenzofuran	14.957	168	243731	10.167	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	63984	13.084	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.192	232	49111	13.056	ng/ul	98
59) Diethylphthalate	15.386	149	231871	11.715	ng/ul	98
61) Fluorene	15.610	166	201662	10.666	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.604	204	95809	10.993	ng/ul	96
63) 4-Nitroaniline	15.651	138	41826	11.111	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	35887	14.692	ng/ul#	99
67) N-Nitrosodiphenylamine	15.828	169	180214	11.155	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	59192	11.546	ng/ul	99
69) Hexachlorobenzene	16.616	284	66042	10.822	ng/ul	99
70) Atrazine	16.786	200	64061	11.205	ng/ul	97
71) Pentachlorophenol	16.975	266	39970	11.764	ng/ul	99
72) Phenanthrene	17.363	178	324172	10.647	ng/ul	97
74) Anthracene	17.451	178	328738	10.843	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	76438	10.419	ng/uL	94
76) Pentachlorobenzene	14.875	250	82930	11.866	ng/uL	96
77) Carbazole	17.733	167	310633	10.842	ng/ul	98
78) Di-n-butylphthalate	18.292	149	457686	14.169	ng/ul	100
80) Fluoranthene	19.386	202	369996	11.114	ng/ul	96
82) Pyrene	19.757	202	389387	11.222	ng/ul	100
83) Butylbenzylphthalate	20.657	149	191612	14.590	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	127905	11.559	ng/ul	96
85) Benzo(a)anthracene	21.516	228	386889	11.072	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.433	149	288621	14.354	ng/ul	99
87) Chrysene	21.569	228	370314	10.945	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	488209	14.099	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	404162	11.238	ng/ul	97
91) Benzo(k)fluoranthene	23.263	252	402907	12.524	ng/ul	100
93) Benzo(a)pyrene	23.851	252	348825	10.138	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.504	276	415156	9.828	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	386272	10.835	ng/ul	98
96) Benzo(g,h,i)perylene	27.292	276	373737	10.139	ng/ul	100

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

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