Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022739.D
Acq On : 18 Nov 2022 02:53
Operator : CG/JU
Sample : N5593-13MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0AE2MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022

Quant Time: Nov 18 04:18:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 22:16:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	59864	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	295467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	196419	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	420839	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	420981	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	450006	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7677m	4.378	ng/uL	0.00
4) Pyridine-d5	3.622	84	51670	10.420	ng/ul	0.00
7) Phenol-d5	7.022	99	51019	9.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	121096	35.722	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	112610	27.196	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	92355	20.690	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	77207	33.759	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	83847	32.857	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	136658	31.412	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	198504	29.955	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	548598	38.399	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	588426	37.380	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	29482	10.352	ng/ul	0.00
60) Fluorene-d10	15.522	176	450341	38.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	96641	36.128	ng/ul	0.00
73) Anthracene-d10	17.381	188	717309	38.926	ng/ul	0.00
81) Pyrene-d10	19.686	212	820441	37.606	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	870847	38.497	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	14347	7.689	ng/uL#	89
5) Pyridine	3.640	79	53430	10.867	ng/ul	94
6) Benzaldehyde	6.993	77	118734m	41.507	ng/ul	
8) Phenol	7.052	94	51770	8.791	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.281	93	147113	32.060	ng/ul	98
12) 2-Chlorophenol	7.410	128	111901	25.309	ng/ul	98
13) 2-Methylphenol	8.310	108	94776	21.623	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	205624m	33.947	ng/ul	
16) Acetophenone	8.693	105	245669	34.483	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	136446	35.935	ng/ul	99
18) 4-Methylphenol	8.646	108	93594	19.665	ng/ul	97
19) Hexachloroethane	8.934	117	57366	30.645	ng/ul	99
22) Nitrobenzene	9.075	77	197035	31.799	ng/ul	98
23) Isophorone	9.604	82	395665	33.383	ng/ul	100
25) 2-Nitrophenol	9.787	139	84353	30.066	ng/ul	95
26) 2,4-Dimethylphenol	9.852	107	166939	27.739	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	224445	32.838	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	131297	29.694	ng/ul	98
30) Naphthalene	10.722	128	495202	31.577	ng/ul	99
32) 4-Chloroaniline	10.846	127	191453	27.665	ng/ul	98
33) Hexachlorobutadiene	10.999	225	82712	30.390	ng/ul	98
34) Caprolactam	11.646	113	8606m	5.130	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	171230	29.692	ng/ul	99
36) 2-Methylnaphthalene	12.340	142	346278	32.412	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	351187	32.792	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	157220	29.821	ng/ul	90
40) Hexachlorocyclopentadiene	12.681	237	69607	22.613	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	118915	31.768	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	130652	32.960	ng/ul	95
43) 1,1'-Biphenyl	13.357	154	464270	32.202	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	364667	32.460	ng/ul	97
45) 2-Nitroaniline	13.622	65	145231	35.596	ng/ul	99
47) Dimethylphthalate	13.993	163	534289	35.581	ng/ul	97
48) 2,6-Dinitrotoluene	14.122	165	112541	37.024	ng/ul	99
50) Acenaphthylene	14.251	152	590600	33.585	ng/ul	98
51) 3-Nitroaniline	14.451	138	110409	33.734	ng/ul	100
52) Acenaphthene	14.592	153	421789	33.806	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	63854	30.059	ng/ul	96
55) 4-Nitrophenol	14.763	109	27502	9.742	ng/ul	97
56) Dibenzofuran	14.928	168	557267	33.803	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	167433	37.825	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	116626	34.353	ng/ul	97
59) Diethylphthalate	15.351	149	589370	37.031	ng/ul	99
61) Fluorene	15.581	166	487704	35.425	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.569	204	229450	35.357	ng/ul	93
63) 4-Nitroaniline	15.616	138	112702	38.613	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	92090	33.307	ng/ul	99
67) N-Nitrosodiphenylamine	15.792	169	423380	33.602	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	142313	34.340	ng/ul	95
69) Hexachlorobenzene	16.581	284	173160	35.745	ng/ul	89
70) Atrazine	16.751	200	157300	35.023	ng/ul	99
71) Pentachlorophenol	16.934	266	100333	32.598	ng/ul	98
72) Phenanthrene	17.328	178	782671	34.505	ng/ul	99
74) Anthracene	17.416	178	803906	34.989	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	169000	30.452	ng/uL	98
76) Pentachlorobenzene	14.845	250	178560	29.812	ng/uL	98
77) Carbazole	17.692	167	779950	36.535	ng/ul	98
78) Di-n-butylphthalate	18.251	149	1049493	34.543	ng/ul	98
80) Fluoranthene	19.351	202	940313	34.534	ng/ul	99
82) Pyrene	19.716	202	981174	35.177	ng/ul	99
83) Butylbenzylphthalate	20.616	149	524152	36.917	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	259566	27.944	ng/ul	92
85) Benzo(a)anthracene	21.469	228	948989	34.136	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	788311	37.618	ng/ul	98
87) Chrysene	21.527	228	905277	34.387	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	1368397	34.575	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	1078342	35.360	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	983983	33.992	ng/ul	97
93) Benzo(a)pyrene	23.786	252	890816	34.462	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.404	276	1099757	37.409	ng/ul	99
95) Dibenzo(a,h)anthracene	26.415	278	981941	37.266	ng/ul	98
96) Benzo(g,h,i)perylene	27.180	276	970100	37.846	ng/ul	98

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

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