Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022712.D
Acq On : 17 Nov 2022 07:38
Operator : CG/JU
Sample : SP6061
Misc : SFAM SPIKE
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Nov 17 08:07:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 07:00:26 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SP6061

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2022
Supervised By :mohammad ahmed 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	73651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	318097	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	196840	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	391645	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	367840	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	369775	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	64585	28.133	ng/uL#	94
5) Pyridine	3.640	79	450659	74.502	ng/ul	96
6) Benzaldehyde	7.005	77	396795	112.746	ng/ul	97
8) Phenol	7.069	94	582700	80.429	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.299	93	436657	77.347	ng/ul	100
12) 2-Chlorophenol	7.428	128	452513	83.189	ng/ul	98
13) 2-Methylphenol	8.334	108	433380	80.365	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	562087	75.427	ng/ul	100
16) Acetophenone	8.716	105	691434	78.885	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.704	70	364215	77.966	ng/ul	99
18) 4-Methylphenol	8.675	108	464227	79.279	ng/ul	99
19) Hexachloroethane	8.951	117	185436	80.518	ng/ul	98
22) Nitrobenzene	9.099	77	553976	83.045	ng/ul	99
23) Isophorone	9.634	82	1010083	79.160	ng/ul	99
25) 2-Nitrophenol	9.810	139	247202	81.843	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	541722	83.611	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	591641	80.404	ng/ul	98
29) 2,4-Dichlorophenol	10.351	162	397754	83.555	ng/ul	98
30) Naphthalene	10.751	128	1373001	81.321	ng/ul	99
32) 4-Chloroaniline	10.875	127	528239	70.900	ng/ul	98
33) Hexachlorobutadiene	11.022	225	242827	82.872	ng/ul	95
34) Caprolactam	11.704	113	144590m	80.063	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	512641	82.570	ng/ul	99
36) 2-Methylnaphthalene	12.369	142	912034	79.295	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	915259	79.381	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.740	216	437803	82.864	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	262521	85.104	ng/ul	99
41) 2,4,6-Trichlorophenol	12.992	196	307846	82.065	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	335793	84.531	ng/ul	96
43) 1,1'-Biphenyl	13.392	154	1170930	81.042	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	914593	81.236	ng/ul	98
45) 2-Nitroaniline	13.651	65	345482	84.497	ng/ul	98
47) Dimethylphthalate	14.028	163	1155504	76.786	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	260632	85.561	ng/ul	99
50) Acenaphthylene	14.281	152	1431918	81.252	ng/ul	99
51) 3-Nitroaniline	14.486	138	277244	84.528	ng/ul	100
52) Acenaphthene	14.622	153	1004481	80.335	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	143685	67.495	ng/ul	99
55) 4-Nitrophenol	14.804	109	222298	78.573	ng/ul	98
56) Dibenzofuran	14.963	168	1332714	80.668	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	371714	83.795	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.192	232	270380	79.472	ng/ul	98
59) Diethylphthalate	15.386	149	1253944	78.618	ng/ul	99
61) Fluorene	15.616	166	1118456	81.067	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.604	204	513157	78.906	ng/ul	96
63) 4-Nitroaniline	15.663	138	287677	98.351	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	194910	75.749	ng/ul	95
67) N-Nitrosodiphenylamine	15.828	169	952028	81.190	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	319990	82.970	ng/ul	96
69) Hexachlorobenzene	16.616	284	374219	83.006	ng/ul	96
70) Atrazine	16.792	200	357962	85.642	ng/ul	99
71) Pentachlorophenol	16.969	266	244285	85.283	ng/ul	97
72) Phenanthrene	17.363	178	1698034	80.439	ng/ul	98
74) Anthracene	17.457	178	1735726	81.177	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	432893	83.817	ng/uL	98
76) Pentachlorobenzene	14.875	250	417900	74.972	ng/uL	98
77) Carbazole	17.733	167	1645151	82.808	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2171905	76.815	ng/ul	100
80) Fluoranthene	19.392	202	1919292	80.670	ng/ul	95
82) Pyrene	19.757	202	2016702	82.748	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1011179	81.509	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.457	252	747122	92.054	ng/ul#	94
85) Benzo(a)anthracene	21.521	228	1934487	79.639	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.433	149	1479722	80.813	ng/ul	99
87) Chrysene	21.574	228	1797795	78.154	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	2510954	77.210	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1946043	77.658	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	1867841	78.524	ng/ul	98
93) Benzo(a)pyrene	23.862	252	1650242	77.692	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.533	276	1961054	81.180	ng/ul	100
95) Dibenzo(a,h)anthracene	26.551	278	1686162	77.878	ng/ul	98
96) Benzo(g,h,i)perylene	27.315	276	1560218	74.075	ng/ul	97

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

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