Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022741.D
Acq On : 18 Nov 2022 04:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 18 05:17:48 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

Instrument :
BNA_N
ClientSampleId :
SSTD020361

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	70277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	350362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	235863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	486254	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	493996	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	532686	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	14958	7.267	ng/uL	0.00
4) Pyridine-d5	3.617	84	117280	20.147	ng/ul	0.00
7) Phenol-d5	7.022	99	131610	19.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	84560	21.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	96508	19.854	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	112999	21.564	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	53215	19.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	59788	19.758	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	104702	20.296	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	161646	20.571	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	346551	20.200	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	384302	20.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	67907	19.856	ng/ul	0.00
60) Fluorene-d10	15.522	176	284056	20.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	59352	19.203	ng/ul	0.00
73) Anthracene-d10	17.381	188	444328	20.868	ng/ul	0.00
81) Pyrene-d10	19.680	212	495924	19.372	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	512555	19.141	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	15856	7.238	ng/uL#	92
5) Pyridine	3.634	79	113687	19.697	ng/ul	98
6) Benzaldehyde	6.993	77	80016	23.827	ng/ul	98
8) Phenol	7.052	94	140465	20.319	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	111623	20.722	ng/ul	99
12) 2-Chlorophenol	7.411	128	105975	20.417	ng/ul	98
13) 2-Methylphenol	8.310	108	107856	20.961	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	158373m	22.272	ng/ul	
16) Acetophenone	8.693	105	188195	22.502	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	104200	23.377	ng/ul	99
18) 4-Methylphenol	8.646	108	122118	21.856	ng/ul	99
19) Hexachloroethane	8.934	117	44178	20.103	ng/ul	93
22) Nitrobenzene	9.075	77	148270	20.180	ng/ul	98
23) Isophorone	9.605	82	292371	20.803	ng/ul	99
25) 2-Nitrophenol	9.793	139	65832	19.788	ng/ul	99
26) 2,4-Dimethylphenol	9.852	107	144847	20.297	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.093	93	165101	20.371	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	108327	20.660	ng/ul	99
30) Naphthalene	10.722	128	372595	20.036	ng/ul	99
32) 4-Chloroaniline	10.846	127	166922	20.341	ng/ul	100
33) Hexachlorobutadiene	10.999	225	65101	20.172	ng/ul	99
34) Caprolactam	11.634	113	40899m	20.561	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	143831	21.033	ng/ul	99
36) 2-Methylnaphthalene	12.340	142	259573	20.490	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	263881	20.779	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.710	216	122792	19.396	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	66338	17.947	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	89338	19.875	ng/ul	95
42) 2,4,5-Trichlorophenol	13.034	196	96562	20.286	ng/ul	95
43) 1,1'-Biphenyl	13.357	154	343839	19.860	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	265350	19.669	ng/ul	99
45) 2-Nitroaniline	13.616	65	99251	20.258	ng/ul	99
47) Dimethylphthalate	13.987	163	361501	20.048	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	75479	20.679	ng/ul	98
50) Acenaphthylene	14.245	152	426059	20.176	ng/ul	99
51) 3-Nitroaniline	14.445	138	80700	20.534	ng/ul	97
52) Acenaphthene	14.587	153	303353	20.247	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	53624	21.022	ng/ul	96
55) 4-Nitrophenol	14.763	109	68972	20.345	ng/ul	98
56) Dibenzofuran	14.928	168	399551	20.183	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	110696	20.826	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.157	232	83269	20.426	ng/ul	93
59) Diethylphthalate	15.351	149	387615	20.281	ng/ul	100
61) Fluorene	15.575	166	336955	20.382	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	157213	20.174	ng/ul	95
63) 4-Nitroaniline	15.616	138	79309	22.628	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	60568	18.959	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	293661	20.171	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	96433	20.139	ng/ul	100
69) Hexachlorobenzene	16.581	284	113373	20.255	ng/ul	89
70) Atrazine	16.745	200	109333	21.068	ng/ul	95
71) Pentachlorophenol	16.928	266	70089	19.708	ng/ul	100
72) Phenanthrene	17.322	178	541178	20.649	ng/ul	98
74) Anthracene	17.416	178	553508	20.850	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	127421	19.871	ng/uL	98
76) Pentachlorobenzene	14.840	250	138889	20.069	ng/uL	97
77) Carbazole	17.692	167	509686	20.663	ng/ul	99
78) Di-n-butylphthalate	18.251	149	696476	19.840	ng/ul	100
80) Fluoranthene	19.345	202	607696	19.019	ng/ul	95
82) Pyrene	19.710	202	638379	19.504	ng/ul	99
83) Butylbenzylphthalate	20.616	149	324362	19.469	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	216620	19.874	ng/ul	97
85) Benzo(a)anthracene	21.469	228	640564	19.636	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	504734	20.526	ng/ul	100
87) Chrysene	21.522	228	594887	19.257	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	871591	18.604	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	676421	18.738	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	640132	18.681	ng/ul	96
93) Benzo(a)pyrene	23.780	252	589469	19.264	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.398	276	702579	20.189	ng/ul	97
95) Dibenzo(a,h)anthracene	26.410	278	628523	20.151	ng/ul	98
96) Benzo(g,h,i)perylene	27.168	276	611895	20.166	ng/ul	98

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

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