Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022789.D
Acq On : 21 Nov 2022 16:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 21 21:42:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 05:51:00 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020366

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2022
Supervised By :mohammad ahmed 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	68105	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	323798	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	213573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	440957	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	435220	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	440308	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	15306	7.673	ng/uL	0.00
4) Pyridine-d5	3.617	84	115595	20.491	ng/ul	0.00
7) Phenol-d5	7.017	99	137866	21.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	88664	22.990	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	101852	21.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	113049	22.262	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	55654	22.205	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	59608	21.315	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	105753	22.182	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	162029	22.312	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	337521	21.727	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	383426	22.401	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	65156	21.040	ng/ul	0.00
60) Fluorene-d10	15.516	176	285218	22.386	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	59017	21.056	ng/ul	0.00
73) Anthracene-d10	17.375	188	442639	22.925	ng/ul	0.00
81) Pyrene-d10	19.681	212	480106	21.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	483641	21.851	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	15810	7.448	ng/uL#	92
5) Pyridine	3.634	79	116931	20.905	ng/ul	96
6) Benzaldehyde	6.987	77	92112	28.304	ng/ul	94
8) Phenol	7.046	94	144973	21.640	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	115531	22.131	ng/ul	99
12) 2-Chlorophenol	7.411	128	111347	22.137	ng/ul	98
13) 2-Methylphenol	8.311	108	111329	22.326	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	167359	24.287	ng/ul	98
16) Acetophenone	8.693	105	189622	23.396	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	103305	23.915	ng/ul	96
18) 4-Methylphenol	8.640	108	123554	22.818	ng/ul	98
19) Hexachloroethane	8.928	117	47820	22.455	ng/ul	99
22) Nitrobenzene	9.069	77	153285	22.574	ng/ul	97
23) Isophorone	9.599	82	292691	22.534	ng/ul	99
25) 2-Nitrophenol	9.787	139	69136	22.486	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	149153	22.615	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.087	93	166312	22.204	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	107682	22.222	ng/ul	99
30) Naphthalene	10.716	128	388129	22.584	ng/ul	100
32) 4-Chloroaniline	10.840	127	166719	21.983	ng/ul	99
33) Hexachlorobutadiene	10.993	225	69289	23.231	ng/ul	95
34) Caprolactam	11.634	113	38795m	21.103	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	143039	22.633	ng/ul	100
36) 2-Methylnaphthalene	12.340	142	269889	23.052	ng/ul	100

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37) 1-Methylnaphthalene	12.557	142	271283	23.114	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.704	216	125553	21.902	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	67499	20.167	ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	88592	21.766	ng/ul	95
42) 2,4,5-Trichlorophenol	13.028	196	96622	22.417	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	347599	22.173	ng/ul	99
44) 2-Chloronaphthalene	13.399	162	269934	22.098	ng/ul	98
45) 2-Nitroaniline	13.616	65	101033	22.774	ng/ul	97
47) Dimethylphthalate	13.987	163	357472	21.894	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	71459	21.621	ng/ul	97
50) Acenaphthylene	14.246	152	427467	22.356	ng/ul	99
51) 3-Nitroaniline	14.446	138	78252	21.989	ng/ul	98
52) Acenaphthene	14.587	153	305773	22.539	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	42647	18.464	ng/ul	100
55) 4-Nitrophenol	14.757	109	68222	22.224	ng/ul	96
56) Dibenzofuran	14.922	168	404197	22.549	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	108226	22.486	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	85076	23.047	ng/ul	95
59) Diethylphthalate	15.351	149	385799	22.293	ng/ul	98
61) Fluorene	15.575	166	342091	22.853	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.569	204	157432	22.311	ng/ul	93
63) 4-Nitroaniline	15.610	138	76884	24.226	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	61211	21.128	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	295238	22.362	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	97847	22.533	ng/ul	96
69) Hexachlorobenzene	16.575	284	115201	22.695	ng/ul	97
70) Atrazine	16.745	200	104005	22.100	ng/ul	97
71) Pentachlorophenol	16.922	266	66521	20.626	ng/ul	96
72) Phenanthrene	17.322	178	536338	22.566	ng/ul	97
74) Anthracene	17.410	178	546966	22.720	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.316	216	130264	22.401	ng/uL	99
76) Pentachlorobenzene	14.840	250	139268	22.191	ng/uL	99
77) Carbazole	17.687	167	499787	22.343	ng/ul	98
78) Di-n-butylphthalate	18.245	149	674403	21.185	ng/ul	99
80) Fluoranthene	19.345	202	597881	21.239	ng/ul	97
82) Pyrene	19.710	202	630946	21.881	ng/ul	99
83) Butylbenzylphthalate	20.610	149	321889	21.930	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	227848	23.727	ng/ul	96
85) Benzo(a)anthracene	21.463	228	629595	21.906	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	488230	22.536	ng/ul	98
87) Chrysene	21.516	228	575575	21.148	ng/ul	96
89) Di-n-octyl phthalate	22.304	149	823996	21.278	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	643344	21.560	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	594232	20.980	ng/ul	99
93) Benzo(a)pyrene	23.769	252	534836	21.146	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.380	276	604433	21.013	ng/ul	97
95) Dibenzo(a,h)anthracene	26.398	278	548334	21.269	ng/ul	98
96) Benzo(g,h,i)perylene	27.151	276	506734	20.204	ng/ul	98

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

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