Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022723.D
Acq On : 17 Nov 2022 17:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 22:12:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 22:08:43 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020360

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	7.857	152	57135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	293231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	199434	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	423117	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	430825	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	467661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	12180	7.278	ng/uL	0.00
4) Pyridine-d5	3.617	84	91137	19.257	ng/ul	0.00
7) Phenol-d5	7.028	99	105767	19.600	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	69974	21.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	78920	19.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	90268	21.189	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	42515	18.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	47975	18.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	86026	19.925	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	131535	20.001	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	289968	19.990	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	310686	19.438	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	56119	19.406	ng/ul	0.00
60) Fluorene-d10	15.528	176	237118	19.930	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	48522	18.042	ng/ul	0.00
73) Anthracene-d10	17.386	188	366670	19.791	ng/ul	0.00
81) Pyrene-d10	19.686	212	427328	19.140	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	458779	19.515	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	12987	7.292	ng/uL#	91
5) Pyridine	3.640	79	90522	19.291	ng/ul	97
6) Benzaldehyde	6.993	77	63105	23.114	ng/ul	99
8) Phenol	7.058	94	113221	20.145	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	93017	21.239	ng/ul	98
12) 2-Chlorophenol	7.416	128	85951	20.369	ng/ul	96
13) 2-Methylphenol	8.316	108	86525	20.683	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	131632	22.770	ng/ul	99
16) Acetophenone	8.699	105	152389	22.412	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.681	70	83671	23.089	ng/ul	98
18) 4-Methylphenol	8.652	108	99738	21.957	ng/ul	94
19) Hexachloroethane	8.934	117	35833	20.057	ng/ul	99
22) Nitrobenzene	9.081	77	120753	19.637	ng/ul	99
23) Isophorone	9.604	82	236150	20.076	ng/ul	100
25) 2-Nitrophenol	9.793	139	54362	19.524	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	120267	20.136	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.093	93	135642	19.997	ng/ul	98
29) 2,4-Dichlorophenol	10.328	162	87490	19.937	ng/ul	99
30) Naphthalene	10.728	128	308231	19.804	ng/ul	100
32) 4-Chloroaniline	10.851	127	137605	20.035	ng/ul	99
33) Hexachlorobutadiene	11.004	225	53225	19.705	ng/ul	96
34) Caprolactam	11.640	113	32899m	19.762	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	117905	20.601	ng/ul	97
36) 2-Methylnaphthalene	12.345	142	216465	20.416	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	214810	20.211	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	101791	19.016	ng/ul	100
40) Hexachlorocyclopentadiene	12.687	237	52222	16.709	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	72022	18.950	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	78817	19.583	ng/ul	94
43) 1,1'-Biphenyl	13.363	154	281630	19.239	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	221186	19.391	ng/ul	96
45) 2-Nitroaniline	13.622	65	80183	19.356	ng/ul	98
47) Dimethylphthalate	13.992	163	299753	19.660	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	60857	19.718	ng/ul	97
50) Acenaphthylene	14.251	152	349247	19.560	ng/ul	99
51) 3-Nitroaniline	14.451	138	64610	19.443	ng/ul	99
52) Acenaphthene	14.592	153	247175	19.511	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	46439	21.531	ng/ul	99
55) 4-Nitrophenol	14.769	109	56669	19.770	ng/ul	98
56) Dibenzofuran	14.928	168	333685	19.935	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	90521	20.141	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	67127	19.474	ng/ul	95
59) Diethylphthalate	15.357	149	325605	20.149	ng/ul	100
61) Fluorene	15.581	166	280589	20.073	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.575	204	130642	19.827	ng/ul	98
63) 4-Nitroaniline	15.616	138	63568	21.450	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.675	198	51912	18.674	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	244528	19.302	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	81954	19.669	ng/ul	95
69) Hexachlorobenzene	16.581	284	93943	19.288	ng/ul	92
70) Atrazine	16.751	200	89234	19.761	ng/ul	98
71) Pentachlorophenol	16.933	266	55074	17.797	ng/ul	96
72) Phenanthrene	17.328	178	446918	19.597	ng/ul	99
74) Anthracene	17.422	178	454307	19.667	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.328	216	103396	18.531	ng/uL	98
76) Pentachlorobenzene	14.845	250	115328	19.151	ng/uL	100
77) Carbazole	17.698	167	426782	19.884	ng/ul	97
78) Di-n-butylphthalate	18.257	149	567813	18.588	ng/ul	100
80) Fluoranthene	19.351	202	516692	18.542	ng/ul	97
82) Pyrene	19.716	202	548367	19.211	ng/ul	99
83) Butylbenzylphthalate	20.622	149	273202	18.803	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	193336	20.339	ng/ul	98
85) Benzo(a)anthracene	21.474	228	546101	19.195	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.398	149	418221	19.501	ng/ul	99
87) Chrysene	21.527	228	506396	18.796	ng/ul	96
89) Di-n-octyl phthalate	22.321	149	724229	17.608	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	563941	17.794	ng/ul	96
91) Benzo(k)fluoranthene	23.210	252	565113	18.785	ng/ul	97
93) Benzo(a)pyrene	23.792	252	509348	18.960	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.415	276	634987	20.784	ng/ul	98
95) Dibenzo(a,h)anthracene	26.427	278	555734	20.295	ng/ul	99
96) Benzo(g,h,i)perylene	27.180	276	546117	20.501	ng/ul	99

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

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