Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
Data File : BP011477.D
Acq On : 18 Aug 2022 11:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 23:13:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020746

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	86226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	360495	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	206823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	414317	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	423732	20.000	ng/ul	0.00
88) Perylene-d12	23.433	264	442773	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	20386	7.337	ng/uL	0.00
4) Pyridine-d5	3.475	84	131047	18.421	ng/ul	0.00
7) Phenol-d5	6.740	99	139684	17.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	90280	17.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	114182	19.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	109510	17.267	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	51760	19.944	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	54117	20.489	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	95531	19.594	ng/ul	0.00
31) 4-Chloroaniline-d4	10.499	131	147275	18.146	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	280295	19.161	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	323289	19.885	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	51309	18.205	ng/ul	0.00
60) Fluorene-d10	15.240	176	233967	19.011	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	41843	18.690	ng/ul	0.00
73) Anthracene-d10	17.104	188	357559	19.486	ng/ul	0.00
81) Pyrene-d10	19.369	212	398467	18.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.286	264	422214	19.603	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	21974	7.584	ng/uL	98
5) Pyridine	3.493	79	130052	18.315	ng/ul	97
6) Benzaldehyde	6.711	77	72601	19.965	ng/ul	98
8) Phenol	6.769	94	143013	17.563	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.999	93	113895	17.931	ng/ul	99
12) 2-Chlorophenol	7.122	128	120301	19.183	ng/ul	99
13) 2-Methylphenol	8.011	108	105239	17.544	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	161679	17.182	ng/ul	98
16) Acetophenone	8.387	105	178479	16.917	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	94225	17.955	ng/ul	95
18) 4-Methylphenol	8.340	108	115926	17.455	ng/ul	96
19) Hexachloroethane	8.622	117	54174	19.044	ng/ul	95
22) Nitrobenzene	8.763	77	138797	18.973	ng/ul	94
23) Isophorone	9.293	82	247829	19.299	ng/ul	99
25) 2-Nitrophenol	9.469	139	61470	20.398	ng/ul	93
26) 2,4-Dimethylphenol	9.540	107	137857	19.266	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.781	93	146270	18.844	ng/ul	98
29) 2,4-Dichlorophenol	9.999	162	98237	19.688	ng/ul	97
30) Naphthalene	10.393	128	365494	19.202	ng/ul	100
32) 4-Chloroaniline	10.522	127	151211	17.983	ng/ul	99
33) Hexachlorobutadiene	10.675	225	63008	19.836	ng/ul	98
34) Caprolactam	11.316	113	32578	18.007	ng/ul	97
35) 4-Chloro-3-methylphenol	11.663	107	118090	18.719	ng/ul	99
36) 2-Methylnaphthalene	12.022	142	229137	18.503	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.246	142	235264	18.731	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.399	216	104406	19.889	ng/ul	96
40)	Hexachlorocyclopentadiene	12.369	237	53000	16.274	ng/ul	99
41)	2,4,6-Trichlorophenol	12.651	196	68537	20.286	ng/ul	96
42)	2,4,5-Trichlorophenol	12.722	196	74210	19.731	ng/ul	99
43)	1,1'-Biphenyl	13.057	154	298818	19.390	ng/ul	98
44)	2-Chloronaphthalene	13.093	162	229176	19.735	ng/ul	99
45)	2-Nitroaniline	13.322	65	78817	19.886	ng/ul	97
47)	Dimethylphthalate	13.704	163	290145	19.191	ng/ul	98
48)	2,6-Dinitrotoluene	13.828	165	53999	19.866	ng/ul	97
50)	Acenaphthylene	13.951	152	379250	19.635	ng/ul	98
51)	3-Nitroaniline	14.157	138	52329	17.674	ng/ul	95
52)	Acenaphthene	14.298	153	248872	19.237	ng/ul	99
53)	2,4-Dinitrophenol	14.369	184	28567	17.171	ng/ul	97
55)	4-Nitrophenol	14.475	109	57415	17.097	ng/ul	99
56)	Dibenzofuran	14.640	168	338318	18.964	ng/ul	99
57)	2,4-Dinitrotoluene	14.622	165	81931	20.134	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	14.869	232	59231	20.059	ng/ul	97
59)	Diethylphthalate	15.081	149	314948	19.019	ng/ul	98
61)	Fluorene	15.293	166	274751	18.825	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.293	204	124200	18.837	ng/ul	98
63)	4-Nitroaniline	15.328	138	53867m	18.835	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.387	198	43933	18.971	ng/ul	98
67)	N-Nitrosodiphenylamine	15.516	169	237553	19.543	ng/ul	98
68)	4-Bromophenyl-phenylether	16.198	248	72667	19.648	ng/ul	94
69)	Hexachlorobenzene	16.298	284	83409	19.568	ng/ul	99
70)	Atrazine	16.487	200	85664	18.884	ng/ul	98
71)	Pentachlorophenol	16.651	266	48350	18.294	ng/ul	96
72)	Phenanthrene	17.045	178	430007	19.175	ng/ul	99
74)	Anthracene	17.139	178	437449	19.335	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.016	216	108086	20.294	ng/uL	98
76)	Pentachlorobenzene	14.551	250	98879	19.566	ng/uL	97
77)	Carbazole	17.422	167	409525	19.244	ng/ul	98
78)	Di-n-butylphthalate	17.992	149	539588	20.590	ng/ul	100
80)	Fluoranthene	19.039	202	491445	18.640	ng/ul	99
82)	Pyrene	19.398	202	516645	18.650	ng/ul	100
83)	Butylbenzylphthalate	20.298	149	262291	21.107	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.069	252	166762	20.789	ng/ul	99
85)	Benzo(a)anthracene	21.122	228	504464	19.541	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.063	149	394507	21.452	ng/ul	99
87)	Chrysene	21.175	228	492950	19.438	ng/ul	100
89)	Di-n-octyl phthalate	21.963	149	679700	19.097	ng/ul	100
90)	Benzo(b)fluoranthene	22.739	252	549000	19.933	ng/ul	100
91)	Benzo(k)fluoranthene	22.780	252	490806	18.674	ng/ul	99
93)	Benzo(a)pyrene	23.333	252	518466	19.281	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	25.804	276	552106	18.408	ng/ul	97
95)	Dibenzo(a,h)anthracene	25.827	278	496855	19.239	ng/ul	97
96)	Benzo(g,h,i)perylene	26.533	276	334669	13.118	ng/ul	98

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

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