Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011514.D
Acq On : 19 Aug 2022 18:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020750

Manual Integrations APPROVED

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

Quant Time: Aug 20 04:39:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	95742	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	387138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.228	164	211255	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	421636	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	435127	20.000	ng/ul	0.00
88) Perylene-d12	23.421	264	445857	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	24047	7.794	ng/uL	0.00
4) Pyridine-d5	3.481	84	141469	17.909	ng/ul	0.00
7) Phenol-d5	6.740	99	154744	17.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	98406	17.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	126581	19.561	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	120654	17.133	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	57362	20.581	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	59840	21.096	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	103901	19.844	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	158405	18.174	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	284703	19.054	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	331986	19.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	53662	18.640	ng/ul	0.00
60) Fluorene-d10	15.233	176	238508	18.974	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	41166	18.069	ng/ul	0.00
73) Anthracene-d10	17.098	188	370006	19.814	ng/ul	0.00
81) Pyrene-d10	19.363	212	418381	19.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	424942	19.593	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	24440	7.597	ng/uL	98
5) Pyridine	3.499	79	145663	18.474	ng/ul	98
6) Benzaldehyde	6.710	77	80493	19.935	ng/ul	96
8) Phenol	6.769	94	159466	17.637	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.999	93	124119	17.598	ng/ul	97
12) 2-Chlorophenol	7.122	128	133957	19.238	ng/ul	98
13) 2-Methylphenol	8.010	108	115843	17.392	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.099	45	176677m	16.909	ng/ul	
16) Acetophenone	8.387	105	193687	16.533	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	100055	17.171	ng/ul	95
18) 4-Methylphenol	8.340	108	123053	16.687	ng/ul	91
19) Hexachloroethane	8.616	117	61446	19.454	ng/ul	91
22) Nitrobenzene	8.763	77	154116	19.617	ng/ul	96
23) Isophorone	9.293	82	263484	19.106	ng/ul	97
25) 2-Nitrophenol	9.469	139	66091	20.422	ng/ul	96
26) 2,4-Dimethylphenol	9.540	107	149167	19.412	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.781	93	156928	18.826	ng/ul	99
29) 2,4-Dichlorophenol	9.998	162	105850	19.754	ng/ul	95
30) Naphthalene	10.393	128	390472	19.102	ng/ul	99
32) 4-Chloroaniline	10.522	127	159680	17.683	ng/ul	99
33) Hexachlorobutadiene	10.675	225	69379	20.338	ng/ul	99
34) Caprolactam	11.316	113	34027m	17.513	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	127133	18.766	ng/ul	97
36) 2-Methylnaphthalene	12.022	142	245142	18.433	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.245	142	247575	18.355	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.392	216	109144	20.355	ng/ul	95
40)	Hexachlorocyclopentadiene	12.369	237	52715	15.847	ng/ul	97
41)	2,4,6-Trichlorophenol	12.651	196	73795	21.384	ng/ul	98
42)	2,4,5-Trichlorophenol	12.722	196	77867	20.269	ng/ul	93
43)	1,1'-Biphenyl	13.057	154	313665	19.927	ng/ul	99
44)	2-Chloronaphthalene	13.092	162	238412	20.099	ng/ul	100
45)	2-Nitroaniline	13.316	65	84748	20.934	ng/ul	97
47)	Dimethylphthalate	13.704	163	295526	19.137	ng/ul	99
48)	2,6-Dinitrotoluene	13.822	165	57502	20.711	ng/ul	98
50)	Acenaphthylene	13.945	152	391482	19.843	ng/ul	99
51)	3-Nitroaniline	14.157	138	58032	19.189	ng/ul	99
52)	Acenaphthene	14.292	153	256303	19.396	ng/ul	97
53)	2,4-Dinitrophenol	14.369	184	26189	15.411	ng/ul	96
55)	4-Nitrophenol	14.475	109	62010	18.078	ng/ul	96
56)	Dibenzofuran	14.634	168	348066	19.101	ng/ul	98
57)	2,4-Dinitrotoluene	14.622	165	83810	20.164	ng/ul#	95
58)	2,3,4,6-Tetrachlorophenol	14.863	232	62384	20.684	ng/ul	99
59)	Diethylphthalate	15.081	149	322907	19.091	ng/ul	99
61)	Fluorene	15.292	166	284345	19.074	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.292	204	126658	18.807	ng/ul	99
63)	4-Nitroaniline	15.328	138	63517m	21.744	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.386	198	41576	17.641	ng/ul	97
67)	N-Nitrosodiphenylamine	15.510	169	240484	19.441	ng/ul	99
68)	4-Bromophenyl-phenylether	16.192	248	74399	19.767	ng/ul	94
69)	Hexachlorobenzene	16.292	284	86470	19.934	ng/ul	97
70)	Atrazine	16.480	200	87260	18.902	ng/ul	96
71)	Pentachlorophenol	16.651	266	51492	19.145	ng/ul	99
72)	Phenanthrene	17.045	178	440702	19.311	ng/ul	99
74)	Anthracene	17.133	178	451497	19.610	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.010	216	113213	20.888	ng/uL	100
76)	Pentachlorobenzene	14.545	250	104344	20.289	ng/uL	98
77)	Carbazole	17.416	167	420347	19.410	ng/ul	99
78)	Di-n-butylphthalate	17.992	149	551670	20.686	ng/ul	99
80)	Fluoranthene	19.033	202	517112	19.100	ng/ul	99
82)	Pyrene	19.392	202	539034	18.949	ng/ul	99
83)	Butylbenzylphthalate	20.292	149	272770	21.375	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.057	252	146406	17.773	ng/ul	98
85)	Benzo(a)anthracene	21.116	228	521572	19.674	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.057	149	403513	21.367	ng/ul	99
87)	Chrysene	21.168	228	501334	19.251	ng/ul	99
89)	Di-n-octyl phthalate	21.951	149	702764	19.608	ng/ul	100
90)	Benzo(b)fluoranthene	22.727	252	539523	19.453	ng/ul	100
91)	Benzo(k)fluoranthene	22.774	252	501664	18.955	ng/ul	99
93)	Benzo(a)pyrene	23.321	252	522792	19.307	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.786	276	593929	19.665	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.804	278	506287	19.469	ng/ul	97
96)	Benzo(g,h,i)perylene	26.509	276	503162	19.586	ng/ul	99

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

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