Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041422\
Data File : BP009840.D
Acq On : 14 Apr 2022 22:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020751

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/15/2022
Supervised By :Yogesh Patel 04/22/2022

Quant Time: Apr 14 23:18:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 13 02:15:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	130142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	597147	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	419298	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	930297	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.422	240	983973	20.000	ng/ul	#-0.01
88) Perylene-d12	23.886	264	950930	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21092	7.233	ng/uL	0.00
4) Pyridine-d5	3.799	84	150125	18.672	ng/ul	0.00
7) Phenol-d5	7.116	99	214744	18.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	134533	19.778	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.487	132	165821	19.240	ng/ul	-0.01
15) 4-Methylphenol-d8	8.663	113	179956	18.867	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	88145	20.469	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.846	143	97584	20.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	190528	19.286	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.899	131	260022	18.480	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	625865	19.002	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	758448	19.437	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.769	143	112227	18.788	ng/ul	-0.01
60) Fluorene-d10	15.581	176	531807	19.194	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	99291	18.017	ng/ul	0.00
73) Anthracene-d10	17.439	188	851904	19.126	ng/ul	-0.01
81) Pyrene-d10	19.669	212	1029194	19.151	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	955229	19.289	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	22982	7.731	ng/uL#	26
5) Pyridine	3.817	79	156896	18.703	ng/ul#	46
6) Benzaldehyde	7.093	77	150640	21.498	ng/ul	95
8) Phenol	7.140	94	213714	18.687	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.375	93	172585	19.373	ng/ul#	76
12) 2-Chlorophenol	7.522	128	167651	19.295	ng/ul	93
13) 2-Methylphenol	8.399	108	167720	18.807	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	257946	19.588	ng/ul#	85
16) Acetophenone	8.781	105	291931	19.426	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.769	70	151586	19.457	ng/ul#	75
18) 4-Methylphenol	8.728	108	186489	19.310	ng/ul	93
19) Hexachloroethane	9.052	117	71133	19.390	ng/ul	85
22) Nitrobenzene	9.157	77	224339	20.296	ng/ul#	85
23) Isophorone	9.693	82	428031	18.793	ng/ul	97
25) 2-Nitrophenol	9.875	139	105812	21.014	ng/ul#	84
26) 2,4-Dimethylphenol	9.934	107	224454	18.784	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.175	93	255852	19.133	ng/ul#	98
29) 2,4-Dichlorophenol	10.410	162	184000	19.211	ng/ul#	83
30) Naphthalene	10.816	128	591301	19.254	ng/ul	96
32) 4-Chloroaniline	10.922	127	257665	18.505	ng/ul	98
33) Hexachlorobutadiene	11.116	225	130048	18.853	ng/ul	96
34) Caprolactam	11.681	113	61832m	19.521	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	217780	18.766	ng/ul#	70
36) 2-Methylnaphthalene	12.422	142	429246	19.131	ng/ul	91

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.640	142	430547	19.005	ng/ul#	95
39)	1,2,4,5-Tetrachloroben...	12.793	216	253314	19.746	ng/ul#	95
40)	Hexachlorocyclopentadiene	12.775	237	151853	17.058	ng/ul	93
41)	2,4,6-Trichlorophenol	13.028	196	161401	19.701	ng/ul#	84
42)	2,4,5-Trichlorophenol	13.093	196	177812	20.084	ng/ul#	86
43)	1,1'-Biphenyl	13.428	154	594495	19.432	ng/ul	92
44)	2-Chloronaphthalene	13.469	162	457878	19.470	ng/ul	93
45)	2-Nitroaniline	13.663	65	148873	21.602	ng/ul#	81
47)	Dimethylphthalate	14.045	163	603101	19.025	ng/ul#	93
48)	2,6-Dinitrotoluene	14.157	165	122796	21.059	ng/ul	96
50)	Acenaphthylene	14.310	152	749235	19.457	ng/ul	95
51)	3-Nitroaniline	14.487	138	128718	21.234	ng/ul#	80
52)	Acenaphthene	14.657	153	491583	19.497	ng/ul	98
53)	2,4-Dinitrophenol	14.687	184	59070	16.760	ng/ul#	78
55)	4-Nitrophenol	14.787	109	100903	18.351	ng/ul#	52
56)	Dibenzofuran	14.987	168	721260	19.437	ng/ul	97
57)	2,4-Dinitrotoluene	14.945	165	180420	21.072	ng/ul#	87
58)	2,3,4,6-Tetrachlorophenol	15.210	232	157542	19.516	ng/ul#	85
59)	Diethylphthalate	15.410	149	616582	18.794	ng/ul	93
61)	Fluorene	15.639	166	586638	19.194	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.634	204	307601	18.927	ng/ul	97
63)	4-Nitroaniline	15.645	138	134293m	22.118	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.710	198	99827	18.223	ng/ul#	93
67)	N-Nitrosodiphenylamine	15.845	169	511120	19.193	ng/ul	95
68)	4-Bromophenyl-phenylether	16.528	248	192246	19.091	ng/ul	97
69)	Hexachlorobenzene	16.651	284	220677	19.058	ng/ul#	92
70)	Atrazine	16.798	200	202157	18.391	ng/ul#	90
71)	Pentachlorophenol	16.986	266	141765	18.087	ng/ul#	81
72)	Phenanthrene	17.386	178	954828	19.228	ng/ul	98
74)	Anthracene	17.475	178	960217	19.072	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.393	216	266369	19.804	ng/uL#	85
76)	Pentachlorobenzene	14.910	250	258803	19.741	ng/uL	89
77)	Carbazole	17.739	167	864005	18.990	ng/ul#	95
78)	Di-n-butylphthalate	18.292	149	1043878	18.658	ng/ul#	93
80)	Fluoranthene	19.345	202	1173445	18.970	ng/ul#	94
82)	Pyrene	19.698	202	1198143	19.105	ng/ul#	93
83)	Butylbenzylphthalate	20.569	149	471745	18.336	ng/ul#	80
84)	3,3'-Dichlorobenzidine	21.333	252	426981	20.363	ng/ul#	98
85)	Benzo(a)anthracene	21.404	228	1209056	19.382	ng/ul	94
86)	Bis(2-ethylhexyl)phtha...	21.333	149	711480	18.385	ng/ul#	81
87)	Chrysene	21.463	228	1163258	19.328	ng/ul	99
89)	Di-n-octyl phthalate	22.280	149	1201664	18.036	ng/ul	100
90)	Benzo(b)fluoranthene	23.133	252	1219409	19.301	ng/ul	99
91)	Benzo(k)fluoranthene	23.180	252	1136125	19.707	ng/ul#	97
93)	Benzo(a)pyrene	23.774	252	1151374	19.660	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.462	276	1189311	19.420	ng/ul#	95
95)	Dibenzo(a,h)anthracene	26.474	278	1021886	19.243	ng/ul#	95
96)	Benzo(g,h,i)perylene	27.251	276	973899	19.287	ng/ul#	91

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

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