Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
Data File : BP010105.D
Acq On : 26 Apr 2022 03:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020773

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022

Quant Time: Apr 26 10:00:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	177716	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	778899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	522244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	1092846	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	982221	20.000	ng/ul	#-0.01
88) Perylene-d12	23.851	264	752646	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	34070m	8.360	ng/uL	0.00
4) Pyridine-d5	3.781	84	222204	19.381	ng/ul	0.00
7) Phenol-d5	7.093	99	336876	20.840	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	210800	21.733	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.463	132	262004	21.885	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	278232	20.774	ng/ul	-0.01
21) Nitrobenzene-d5	9.093	128	135178	21.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	154255	22.800	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	282683	21.462	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	394251	20.876	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	869089	21.393	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1075415	21.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	135899	18.171	ng/ul	0.00
60) Fluorene-d10	15.557	176	739757	21.169	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	135982	19.678	ng/ul	0.00
73) Anthracene-d10	17.416	188	1138883	21.541	ng/ul	0.00
81) Pyrene-d10	19.645	212	1307544	23.408	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.692	264	890642	22.572	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	34505	8.148	ng/uL#	37
5) Pyridine	3.799	79	236778	19.868	ng/ul#	40
6) Benzaldehyde	7.069	77	196452m	22.741	ng/ul	
8) Phenol	7.122	94	336863	20.740	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.352	93	274047	21.900	ng/ul#	80
12) 2-Chlorophenol	7.499	128	267004	22.111	ng/ul	93
13) 2-Methylphenol	8.375	108	261442	20.988	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	407268	21.933	ng/ul#	85
16) Acetophenone	8.757	105	441567	21.132	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.746	70	233580	21.336	ng/ul#	75
18) 4-Methylphenol	8.705	108	285203	20.794	ng/ul	93
19) Hexachloroethane	9.016	117	112930	22.256	ng/ul#	82
22) Nitrobenzene	9.134	77	330810	21.795	ng/ul#	86
23) Isophorone	9.663	82	645892	21.545	ng/ul#	97
25) 2-Nitrophenol	9.852	139	161062	22.477	ng/ul#	81
26) 2,4-Dimethylphenol	9.910	107	334262	21.546	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.146	93	381244	21.697	ng/ul#	98
29) 2,4-Dichlorophenol	10.387	162	274250	21.661	ng/ul#	83
30) Naphthalene	10.787	128	898069	22.029	ng/ul	96
32) 4-Chloroaniline	10.893	127	388991	20.902	ng/ul	99
33) Hexachlorobutadiene	11.081	225	197122	21.968	ng/ul	93
34) Caprolactam	11.663	113	86308m	18.951	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	308171	20.149	ng/ul#	71
36) 2-Methylnaphthalene	12.393	142	636851	21.540	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	640111	21.322	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.763	216	368704	22.851	ng/ul	94
40) Hexachlorocyclopentadiene	12.751	237	208794	22.962	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	227853	21.826	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.075	196	246516	21.703	ng/ul#	90
43) 1,1'-Biphenyl	13.398	154	858275	22.282	ng/ul	93
44) 2-Chloronaphthalene	13.440	162	664601	22.296	ng/ul	93
45) 2-Nitroaniline	13.645	65	202056	20.905	ng/ul#	82
47) Dimethylphthalate	14.022	163	836946	21.198	ng/ul#	93
48) 2,6-Dinitrotoluene	14.140	165	176545	21.789	ng/ul	92
50) Acenaphthylene	14.287	152	1066882	21.906	ng/ul	96
51) 3-Nitroaniline	14.463	138	108511	14.784	ng/ul#	81
52) Acenaphthene	14.628	153	682489	21.551	ng/ul	96
53) 2,4-Dinitrophenol	14.675	184	76669	16.933	ng/ul#	82
55) 4-Nitrophenol	14.769	109	118379	18.219	ng/ul#	48
56) Dibenzofuran	14.963	168	988557	21.081	ng/ul	99
57) 2,4-Dinitrotoluene	14.922	165	248849	21.023	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.192	232	213474	21.143	ng/ul#	86
59) Diethylphthalate	15.387	149	853737	21.259	ng/ul	93
61) Fluorene	15.616	166	813079	21.118	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.610	204	426919	21.069	ng/ul	98
63) 4-Nitroaniline	15.628	138	103899	14.547	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.692	198	134612	20.191	ng/ul#	96
67) N-Nitrosodiphenylamine	15.822	169	703679	22.441	ng/ul	95
68) 4-Bromophenyl-phenylether	16.504	248	260649	22.360	ng/ul	94
69) Hexachlorobenzene	16.628	284	298836	22.086	ng/ul#	91
70) Atrazine	16.775	200	275994	21.650	ng/ul#	90
71) Pentachlorophenol	16.969	266	170925	19.836	ng/ul#	86
72) Phenanthrene	17.363	178	1283755	21.612	ng/ul	98
74) Anthracene	17.451	178	1287073	21.513	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	380298	23.837	ng/uL#	88
76) Pentachlorobenzene	14.887	250	358342	22.904	ng/uL	93
77) Carbazole	17.716	167	1108375	20.935	ng/ul#	95
78) Di-n-butylphthalate	18.269	149	1421581	21.825	ng/ul#	93
80) Fluoranthene	19.322	202	1497306	23.765	ng/ul	96
82) Pyrene	19.675	202	1522293	23.451	ng/ul	95
83) Butylbenzylphthalate	20.545	149	627584	23.389	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	318107	17.999	ng/ul#	93
85) Benzo(a)anthracene	21.386	228	1357437	21.777	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	938894	23.609	ng/ul#	82
87) Chrysene	21.439	228	1343480	21.889	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	1515524	25.902	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1171416	23.151	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	1100395	22.959	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	1045111	22.336	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	979065	21.034	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.427	278	821052	20.615	ng/ul#	95
96) Benzo(g,h,i)perylene	27.192	276	819761	20.872	ng/ul#	91

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

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