Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010260.D
Acq On : 10 May 2022 11:32
Operator : CG/JU
Sample : SSTD01031
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010631

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022

Quant Time: May 10 15:19:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	147808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	636706	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.540	164	453567	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.292	188	980121	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.380	240	1046450	20.000	ng/ul	# 0.00
88) Perylene-d12	23.815	264	1044182	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	13368	3.944	ng/uL	0.00
4) Pyridine-d5	3.775	84	89327	9.368	ng/ul	0.00
7) Phenol-d5	7.075	99	120282	8.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	80265	9.949	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	95596	9.601	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	100543	9.026	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	48341	9.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	54917	9.930	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	98654	9.163	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	137108	8.881	ng/ul	-0.01
46) Dimethylphthalate-d6	13.951	166	346701	9.826	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	412887	9.669	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	57106	8.792	ng/ul	-0.01
60) Fluorene-d10	15.534	176	294485	9.703	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.651	200	55744	8.995	ng/ul	-0.01
73) Anthracene-d10	17.392	188	472552	9.966	ng/ul	-0.01
81) Pyrene-d10	19.627	212	578765	9.725	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.657	264	527907	9.644	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	13909	3.949	ng/uL#	13
5) Pyridine	3.793	79	93318	9.415	ng/ul#	32
6) Benzaldehyde	7.046	77	87444	12.171	ng/ul	98
8) Phenol	7.099	94	121960	9.028	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.328	93	103246	9.920	ng/ul#	73
12) 2-Chlorophenol	7.475	128	94842	9.443	ng/ul	95
13) 2-Methylphenol	8.352	108	93925	9.066	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	163277	10.573	ng/ul#	84
16) Acetophenone	8.734	105	166417	9.576	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.716	70	88302	9.698	ng/ul#	72
18) 4-Methylphenol	8.681	108	101632	8.909	ng/ul	93
19) Hexachloroethane	8.993	117	42975	10.183	ng/ul#	77
22) Nitrobenzene	9.110	77	124681	10.049	ng/ul#	82
23) Isophorone	9.640	82	244879	9.993	ng/ul#	96
25) 2-Nitrophenol	9.822	139	57421	9.803	ng/ul#	86
26) 2,4-Dimethylphenol	9.887	107	122590	9.667	ng/ul#	76
27) Bis(2-Chloroethoxy)met...	10.122	93	147593	10.276	ng/ul#	95
29) 2,4-Dichlorophenol	10.363	162	100501m	9.710	ng/ul	
30) Naphthalene	10.763	128	333632	10.012	ng/ul	97
32) 4-Chloroaniline	10.869	127	135484	8.906	ng/ul	99
33) Hexachlorobutadiene	11.057	225	69327	9.451	ng/ul	92
34) Caprolactam	11.651	113	35041	9.412	ng/ul#	2
35) 4-Chloro-3-methylphenol	11.998	107	118079	9.444	ng/ul#	69
36) 2-Methylnaphthalene	12.369	142	236502	9.785	ng/ul	93

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.587	142	240122	9.785	ng/ul#	94
39)	1,2,4,5-Tetrachloroben...	12.740	216	136787	9.761	ng/ul#	96
40)	Hexachlorocyclopentadiene	12.722	237	61927	7.842	ng/ul	94
41)	2,4,6-Trichlorophenol	12.975	196	86009	9.486	ng/ul	90
42)	2,4,5-Trichlorophenol	13.051	196	93142	9.442	ng/ul#	84
43)	1,1'-Biphenyl	13.375	154	327295m	9.784	ng/ul	
44)	2-Chloronaphthalene	13.416	162	255113	9.854	ng/ul	92
45)	2-Nitroaniline	13.622	65	80094	9.541	ng/ul#	81
47)	Dimethylphthalate	13.998	163	338575	9.874	ng/ul#	92
48)	2,6-Dinitrotoluene	14.116	165	66608	9.465	ng/ul	93
50)	Acenaphthylene	14.263	152	416105	9.838	ng/ul	95
51)	3-Nitroaniline	14.445	138	65427	10.264	ng/ul#	79
52)	Acenaphthene	14.604	153	269341	9.793	ng/ul	95
53)	2,4-Dinitrophenol	14.651	184	32296	8.213	ng/ul#	75
55)	4-Nitrophenol	14.751	109	50420	8.935	ng/ul#	46
56)	Dibenzofuran	14.939	168	399529	9.810	ng/ul	99
57)	2,4-Dinitrotoluene	14.904	165	99064	9.636	ng/ul#	81
58)	2,3,4,6-Tetrachlorophenol	15.169	232	83868	9.564	ng/ul#	88
59)	Diethylphthalate	15.357	149	346804	9.943	ng/ul	93
61)	Fluorene	15.586	166	327536	9.795	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.581	204	169546	9.634	ng/ul	96
63)	4-Nitroaniline	15.604	138	68946m	11.115	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.669	198	54455	9.107	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.798	169	287369	10.219	ng/ul	94
68)	4-Bromophenyl-phenylether	16.481	248	102307	9.786	ng/ul	97
69)	Hexachlorobenzene	16.604	284	117846m	9.711	ng/ul	
70)	Atrazine	16.751	200	112041	9.800	ng/ul#	90
71)	Pentachlorophenol	16.945	266	68783	8.900	ng/ul#	85
72)	Phenanthrene	17.333	178	531682	9.980	ng/ul	98
74)	Anthracene	17.428	178	537361	10.015	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.345	216	143908	10.057	ng/uL#	88
76)	Pentachlorobenzene	14.863	250	136185	9.706	ng/uL	91
77)	Carbazole	17.698	167	470523	9.910	ng/ul#	96
78)	Di-n-butylphthalate	18.251	149	613105	10.495	ng/ul#	92
80)	Fluoranthene	19.298	202	655709	9.768	ng/ul	98
82)	Pyrene	19.651	202	682097	9.863	ng/ul	96
83)	Butylbenzylphthalate	20.522	149	280483	9.812	ng/ul#	82
84)	3,3'-Dichlorobenzidine	21.292	252	215666	11.454	ng/ul#	98
85)	Benzo(a)anthracene	21.363	228	670193	10.092	ng/ul	93
86)	Bis(2-ethylhexyl)phtha...	21.286	149	425552	10.044	ng/ul#	80
87)	Chrysene	21.416	228	677589	10.362	ng/ul	99
89)	Di-n-octyl phthalate	22.221	149	706426	8.703	ng/ul	100
90)	Benzo(b)fluoranthene	23.068	252	654286	9.321	ng/ul	100
91)	Benzo(k)fluoranthene	23.121	252	647205	9.733	ng/ul#	98
93)	Benzo(a)pyrene	23.704	252	638767	9.840	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	26.357	276	627787	9.722	ng/ul#	93
95)	Dibenzo(a,h)anthracene	26.368	278	540934	9.790	ng/ul#	95
96)	Benzo(g,h,i)perylene	27.133	276	523087	9.600	ng/ul#	88

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

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