Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040722\
Data File : BP009700.D
Acq On : 07 Apr 2022 15:48
Operator : CG/JU
Sample : SSTD01017
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 18:15:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 18:14:16 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010617

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/08/2022
Supervised By :mohammad ahmed 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	102248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	455951	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	336137	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	764967	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.445	240	835966	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	828289	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	9608m	3.777	ng/uL	0.00
4) Pyridine-d5	3.811	84	60457	9.524	ng/ul	0.00
7) Phenol-d5	7.128	99	85639	10.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	53976	10.858	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	66551m	10.277	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	72490	11.449	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	31530	11.858	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	33396	13.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	74214	11.052	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	105108	11.069	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	269976	11.460	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	310927	9.989	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	43041	11.537	ng/ul	0.00
60) Fluorene-d10	15.604	176	225302	10.992	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	33645	10.836	ng/ul	0.00
73) Anthracene-d10	17.463	188	366942	10.207	ng/ul	0.00
81) Pyrene-d10	19.686	212	449549	9.783	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	425441	10.155	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	9616	3.780	ng/uL#	26
5) Pyridine	3.834	79	65112	9.667	ng/ul#	42
6) Benzaldehyde	7.111	77	61886m	12.699	ng/ul	
8) Phenol	7.158	94	85982	10.312	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.399	93	69991	10.516	ng/ul#	77
12) 2-Chlorophenol	7.540	128	69391	10.588	ng/ul	92
13) 2-Methylphenol	8.416	108	67526	10.855	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.510	45	106114	13.259	ng/ul#	84
16) Acetophenone	8.799	105	117228	12.119	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.787	70	60943	12.645	ng/ul#	73
18) 4-Methylphenol	8.740	108	72984	11.161	ng/ul	98
19) Hexachloroethane	9.069	117	28498	10.650	ng/ul	83
22) Nitrobenzene	9.181	77	82998	11.986	ng/ul#	81
23) Isophorone	9.710	82	172843	11.290	ng/ul	98
25) 2-Nitrophenol	9.893	139	36155	12.261	ng/ul#	87
26) 2,4-Dimethylphenol	9.957	107	91557	11.501	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.193	93	103778	11.087	ng/ul#	97
29) 2,4-Dichlorophenol	10.428	162	73788m	11.160	ng/ul	
30) Naphthalene	10.840	128	238018	10.275	ng/ul	97
32) 4-Chloroaniline	10.940	127	104026	11.070	ng/ul	100
33) Hexachlorobutadiene	11.140	225	53474	11.161	ng/ul	97
34) Caprolactam	11.704	113	23506	12.320	ng/ul#	18
35) 4-Chloro-3-methylphenol	12.057	107	89134	13.316	ng/ul#	69

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.446	142	175062	11.277 ng/ul	91
37) 1-Methylnaphthalene	12.663	142	176224	11.353 ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.810	216	102382	9.577 ng/ul#	93
40) Hexachlorocyclopentadiene	12.804	237	63807	9.503 ng/ul	92
41) 2,4,6-Trichlorophenol	13.045	196	64124	10.359 ng/ul#	79
42) 2,4,5-Trichlorophenol	13.110	196	71675m	10.944 ng/ul	
43) 1,1'-Biphenyl	13.451	154	248938	9.703 ng/ul	94
44) 2-Chloronaphthalene	13.487	162	188651	9.669 ng/ul	95
45) 2-Nitroaniline	13.681	65	49603	14.463 ng/ul#	86
47) Dimethylphthalate	14.063	163	258676	11.346 ng/ul#	92
48) 2,6-Dinitrotoluene	14.175	165	43216	13.871 ng/ul	97
50) Acenaphthylene	14.334	152	311627	10.098 ng/ul	96
51) 3-Nitroaniline	14.498	138	45796	11.642 ng/ul	87
52) Acenaphthene	14.675	153	204729	10.208 ng/ul	98
53) 2,4-Dinitrophenol	14.704	184	20036	10.519 ng/ul#	83
55) 4-Nitrophenol	14.798	109	42089	14.277 ng/ul#	55
56) Dibenzofuran	15.010	168	304409	10.730 ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	64329	14.370 ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.234	232	63007	12.304 ng/ul#	85
59) Diethylphthalate	15.434	149	270681	12.267 ng/ul	94
61) Fluorene	15.657	166	252405	11.350 ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.657	204	132986	11.785 ng/ul	98
63) 4-Nitroaniline	15.657	138	49814	13.065 ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.722	198	34631	10.609 ng/ul#	90
67) N-Nitrosodiphenylamine	15.863	169	221588	9.899 ng/ul	94
68) 4-Bromophenyl-phenylether	16.551	248	83312	10.440 ng/ul	93
69) Hexachlorobenzene	16.669	284	95780	10.454 ng/ul#	92
70) Atrazine	16.822	200	88390	11.075 ng/ul	91
71) Pentachlorophenol	17.010	266	57817	10.689 ng/ul#	84
72) Phenanthrene	17.404	178	412076	10.104 ng/ul	99
74) Anthracene	17.498	178	420922	10.339 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.416	216	108699	8.432 ng/uL#	87
76) Pentachlorobenzene	14.934	250	107192	9.335 ng/uL	88
77) Carbazole	17.757	167	375280	10.356 ng/ul#	94
78) Di-n-butylphthalate	18.322	149	458252	11.406 ng/ul#	94
80) Fluoranthene	19.363	202	514769	9.722 ng/ul#	95
82) Pyrene	19.716	202	527565	9.746 ng/ul#	92
83) Butylbenzylphthalate	20.592	149	207589	11.878 ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.357	252	184689	10.484 ng/ul#	98
85) Benzo(a)anthracene	21.427	228	534976	10.124 ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.363	149	321179	11.561 ng/ul#	80
87) Chrysene	21.480	228	513506	10.027 ng/ul	100
89) Di-n-octyl phthalate	22.321	149	520296	11.604 ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	553680	10.606 ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	488106	10.316 ng/ul#	98
93) Benzo(a)pyrene	23.810	252	504996	10.095 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.509	276	536679	9.061 ng/ul#	95
95) Dibenzo(a,h)anthracene	26.533	278	467145	9.342 ng/ul#	95
96) Benzo(g,h,i)perylene	27.309	276	447054	8.814 ng/ul#	92

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

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