Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042922\
Data File : BP010142.D
Acq On : 29 Apr 2022 09:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 23:02:58 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

Instrument :
BNA_P
ClientSampleId :
SSTD020780

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
Supervised By :Yogesh Patel 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	137098	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.734	136	538819	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.563	164	330707	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.316	188	664734	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	647077	20.000	ng/ul	#-0.01
88) Perylene-d12	23.851	264	649578	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	29642m	9.428	ng/uL	0.00
4) Pyridine-d5	3.775	84	177974	20.122	ng/ul	-0.01
7) Phenol-d5	7.087	99	242033	19.409	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.252	67	156675m	20.938	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.458	132	198434	21.486	ng/ul	-0.01
15) 4-Methylphenol-d8	8.634	113	190339	18.422	ng/ul	-0.02
21) Nitrobenzene-d5	9.087	128	91682	21.394	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.810	143	104553	22.339	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.352	165	191414	21.008	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.863	131	250555	19.179	ng/ul	-0.02
46) Dimethylphthalate-d6	13.969	166	535908	20.832	ng/ul	-0.01
49) Acenaphthylene-d8	14.251	160	676469	21.727	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.751	143	86432	18.250	ng/ul	-0.01
60) Fluorene-d10	15.557	176	459942	20.785	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	86618	20.608	ng/ul	0.00
73) Anthracene-d10	17.410	188	696410	21.655	ng/ul	-0.01
81) Pyrene-d10	19.645	212	803928	21.846	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.686	264	756715	22.221	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	30176	9.236	ng/uL#	19
5) Pyridine	3.799	79	189121	20.570	ng/ul#	45
6) Benzaldehyde	7.063	77	141352	21.211	ng/ul	97
8) Phenol	7.116	94	245815	19.618	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.346	93	200066	20.725	ng/ul#	78
12) 2-Chlorophenol	7.487	128	197733	21.226	ng/ul	94
13) 2-Methylphenol	8.369	108	181663	18.904	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.458	45	297219	20.749	ng/ul#	85
16) Acetophenone	8.752	105	295672	18.342	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.734	70	153689	18.197	ng/ul#	73
18) 4-Methylphenol	8.699	108	193907	18.327	ng/ul	95
19) Hexachloroethane	9.010	117	88752	22.673	ng/ul	84
22) Nitrobenzene	9.128	77	228404	21.753	ng/ul#	83
23) Isophorone	9.657	82	418144	20.163	ng/ul#	96
25) 2-Nitrophenol	9.846	139	106088	21.402	ng/ul#	81
26) 2,4-Dimethylphenol	9.905	107	221605	20.649	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.140	93	258341	21.253	ng/ul#	98
29) 2,4-Dichlorophenol	10.375	162	186927	21.342	ng/ul#	83
30) Naphthalene	10.781	128	614642	21.795	ng/ul	97
32) 4-Chloroaniline	10.887	127	249672	19.394	ng/ul	98
33) Hexachlorobutadiene	11.075	225	140334	22.607	ng/ul	97
34) Caprolactam	11.657	113	53176m	16.878	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	197081	18.627	ng/ul#	69
36) 2-Methylnaphthalene	12.387	142	414688	20.275	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	416280	20.045	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.757	216	238784	23.371	ng/ul	94
40) Hexachlorocyclopentadiene	12.746	237	143426	24.909	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	148398	22.448	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.069	196	157773	21.935	ng/ul#	89
43) 1,1'-Biphenyl	13.398	154	554186	22.720	ng/ul	94
44) 2-Chloronaphthalene	13.440	162	430890	22.828	ng/ul	94
45) 2-Nitroaniline	13.634	65	125304	20.472	ng/ul#	78
47) Dimethylphthalate	14.016	163	520546	20.820	ng/ul#	93
48) 2,6-Dinitrotoluene	14.134	165	103924	20.255	ng/ul	92
50) Acenaphthylene	14.281	152	673779	21.847	ng/ul	94
51) 3-Nitroaniline	14.463	138	66014	14.203	ng/ul#	79
52) Acenaphthene	14.622	153	435900	21.737	ng/ul	96
53) 2,4-Dinitrophenol	14.669	184	52022	18.144	ng/ul#	80
55) 4-Nitrophenol	14.763	109	72411	17.599	ng/ul#	37
56) Dibenzofuran	14.957	168	634458	21.366	ng/ul	98
57) 2,4-Dinitrotoluene	14.922	165	147992	19.744	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.187	232	132949	20.794	ng/ul#	87
59) Diethylphthalate	15.381	149	525142	20.650	ng/ul	93
61) Fluorene	15.610	166	503385	20.647	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.604	204	270307	21.067	ng/ul	98
63) 4-Nitroaniline	15.622	138	64775m	14.322	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.687	198	85380	21.054	ng/ul#	89
67) N-Nitrosodiphenylamine	15.816	169	435157	22.815	ng/ul	95
68) 4-Bromophenyl-phenylether	16.498	248	161028	22.711	ng/ul	94
69) Hexachlorobenzene	16.622	284	181960	22.109	ng/ul#	91
70) Atrazine	16.769	200	163943	21.143	ng/ul#	88
71) Pentachlorophenol	16.963	266	106895	20.395	ng/ul#	82
72) Phenanthrene	17.357	178	771597	21.356	ng/ul	98
74) Anthracene	17.451	178	795122	21.849	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.363	216	247008	25.453	ng/uL#	82
76) Pentachlorobenzene	14.887	250	223622	23.499	ng/uL	91
77) Carbazole	17.716	167	673299	20.908	ng/ul#	96
78) Di-n-butylphthalate	18.269	149	874367	22.070	ng/ul#	92
80) Fluoranthene	19.322	202	896498	21.599	ng/ul#	96
82) Pyrene	19.675	202	929989	21.747	ng/ul#	93
83) Butylbenzylphthalate	20.545	149	406859	23.017	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.310	252	252405	21.679	ng/ul#	96
85) Benzo(a)anthracene	21.380	228	907518	22.099	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.304	149	619276	23.638	ng/ul#	82
87) Chrysene	21.439	228	894763	22.128	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	1061081	21.012	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	917187	21.003	ng/ul	99
91) Benzo(k)fluoranthene	23.145	252	922969	22.312	ng/ul#	98
93) Benzo(a)pyrene	23.739	252	903025	22.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	1037495	25.826	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.421	278	885400	25.758	ng/ul#	96
96) Benzo(g,h,i)perylene	27.192	276	903195	26.645	ng/ul#	92

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

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