Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020234.D
Acq On : 08 May 2024 08:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 08 13:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 06 12:26:12 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020785

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/09/2024
Supervised By :mohammad ahmed 05/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	110888	20.000	ng/ul	0.02
20) Naphthalene-d8	10.387	136	471548	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.298	164	334138	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	745807	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	741044	20.000	ng/ul	0.00
88) Perylene-d12	24.992	264	747690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	20330	7.743	ng/uL	0.00
4) Pyridine-d5	3.611	84	140169	18.373	ng/ul	0.00
7) Phenol-d5	6.805	99	180697	18.975	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.969	67	111377	19.253	ng/ul	0.02
11) 2-Chlorophenol-d4	7.152	132	134565	19.767	ng/ul	0.01
15) 4-Methylphenol-d8	8.328	113	150396	19.534	ng/ul	0.02
21) Nitrobenzene-d5	8.775	128	70368	19.928	ng/ul	0.02
24) 2-Nitrophenol-d4	9.493	143	83647	20.686	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.022	165	153190	20.760	ng/ul	0.01
31) 4-Chloroaniline-d4	10.551	131	202577	19.615	ng/ul	0.02
46) Dimethylphthalate-d6	13.710	166	477911	19.586	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	532186	19.744	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	73122	19.498	ng/ul	0.00
60) Fluorene-d10	15.316	176	407615	20.028	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	89258	18.860	ng/ul	0.00
73) Anthracene-d10	17.239	188	652528	20.225	ng/ul	0.00
81) Pyrene-d10	19.645	212	818004	18.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	725667	20.073	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	21140	7.095	ng/uL	94
5) Pyridine	3.634	79	140715	18.236	ng/ul	96
6) Benzaldehyde	6.787	77	108054	22.574	ng/ul	98
8) Phenol	6.828	94	187944	19.121	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.063	93	148991	19.372	ng/ul	97
12) 2-Chlorophenol	7.187	128	144548	20.337	ng/ul	96
13) 2-Methylphenol	8.063	108	142374	19.419	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	187962m	19.591	ng/ul	
16) Acetophenone	8.446	105	247391	19.361	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.422	70	133401	19.238	ng/ul	95
18) 4-Methylphenol	8.393	108	155622	19.529	ng/ul	100
19) Hexachloroethane	8.663	117	64212	19.755	ng/ul	99
22) Nitrobenzene	8.822	77	200013	19.732	ng/ul	99
23) Isophorone	9.340	82	377907	19.388	ng/ul	100
25) 2-Nitrophenol	9.522	139	88991	21.247	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	179166	19.607	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	211013	19.528	ng/ul	100
29) 2,4-Dichlorophenol	10.051	162	149669	20.852	ng/ul	98
30) Naphthalene	10.440	128	492919	20.280	ng/ul	100
32) 4-Chloroaniline	10.575	127	202639	20.065	ng/ul	97
33) Hexachlorobutadiene	10.704	225	112091	20.107	ng/ul	98
34) Caprolactam	11.381	113	51403m	20.511	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	186154	20.831	ng/ul	98
36) 2-Methylnaphthalene	12.063	142	343069	20.286	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	349180	20.518	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	209003	20.056	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	79293	13.991	ng/ul	99
41) 2,4,6-Trichlorophenol	12.693	196	132315	20.247	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	140756	20.016	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	456884	19.332	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	373953	19.941	ng/ul	97
45) 2-Nitroaniline	13.375	65	128337	20.631	ng/ul	93
47) Dimethylphthalate	13.757	163	489667	19.867	ng/ul	98
48) 2,6-Dinitrotoluene	13.898	165	100775	20.567	ng/ul	97
50) Acenaphthylene	14.016	152	610385	20.133	ng/ul	99
51) 3-Nitroaniline	14.239	138	95753	20.953	ng/ul	96
52) Acenaphthene	14.363	153	402191	19.740	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	54817	18.227	ng/ul	93
55) 4-Nitrophenol	14.563	109	75757	19.403	ng/ul	97
56) Dibenzofuran	14.710	168	560571	20.005	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	150292	21.335	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	132085	20.917	ng/ul	97
59) Diethylphthalate	15.163	149	488772	19.866	ng/ul	99
61) Fluorene	15.375	166	474046	20.360	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	250833	20.307	ng/ul	96
63) 4-Nitroaniline	15.434	138	93056	24.434	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.492	198	94927	19.236	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	400665	19.294	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	158846	19.663	ng/ul	94
69) Hexachlorobenzene	16.398	284	186155	19.896	ng/ul	99
70) Atrazine	16.598	200	139226	18.908	ng/ul	100
71) Pentachlorophenol	16.781	266	110474	19.534	ng/ul	98
72) Phenanthrene	17.181	178	770125	20.239	ng/ul	98
74) Anthracene	17.275	178	777078	20.078	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.057	216	206738	18.651	ng/uL	97
76) Pentachlorobenzene	14.622	250	211514	19.069	ng/uL	99
77) Carbazole	17.575	167	704464	21.129	ng/ul	100
78) Di-n-butylphthalate	18.175	149	841525	20.823	ng/ul	99
80) Fluoranthene	19.292	202	954631	18.726	ng/ul	100
82) Pyrene	19.669	202	998741	18.829	ng/ul	98
83) Butylbenzylphthalate	20.645	149	401174	19.924	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	313430	20.782	ng/ul	99
85) Benzo(a)anthracene	21.604	228	1008938	20.073	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	575159	19.801	ng/ul	96
87) Chrysene	21.674	228	959797	20.603	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	1010709	21.107	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	901517	20.269	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	919472	20.286	ng/ul	100
93) Benzo(a)pyrene	24.839	252	835516	19.743	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	945368m	18.223	ng/ul	
95) Dibenzo(a,h)anthracene	28.898	278	774676	18.053	ng/ul	99
96) Benzo(g,h,i)perylene	29.992	276	733987m	17.542	ng/ul	

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

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