Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020256.D
Acq On : 09 May 2024 04:09
Operator : MA/JU
Sample : PB160727BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 09 04:42:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS727

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	89301	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	383724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	277359	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	614700	20.000	ng/ul	-0.02
79) Chrysene-d12	21.627	240	578529	20.000	ng/ul	-0.01
88) Perylene-d12	24.992	264	557029	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	11133	5.265	ng/uL	0.00
4) Pyridine-d5	3.611	84	177087	28.823	ng/ul	0.00
7) Phenol-d5	6.804	99	244147	31.835	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	140994	30.265	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	184436	33.641	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	200355	32.314	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	94192	32.780	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	111790	33.973	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	208675	34.752	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	282751	33.644	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	668292	32.995	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	726784	32.483	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	101274	32.533	ng/ul	0.00
60) Fluorene-d10	15.310	176	569631	33.718	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	99502	25.509	ng/ul	-0.02
73) Anthracene-d10	17.227	188	932629	35.071	ng/ul	-0.02
81) Pyrene-d10	19.633	212	1138954	33.679	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.768	264	961863	35.713	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	22847	9.522	ng/uL#	92
5) Pyridine	3.634	79	167313	26.924	ng/ul	97
6) Benzaldehyde	6.793	77	140390	36.419	ng/ul	99
8) Phenol	6.834	94	235051	29.695	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.063	93	169294	27.332	ng/ul	99
12) 2-Chlorophenol	7.187	128	173543	30.318	ng/ul	98
13) 2-Methylphenol	8.063	108	171050	28.970	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	206655m	26.746	ng/ul	
16) Acetophenone	8.446	105	299637	29.118	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	156787	28.076	ng/ul	95
18) 4-Methylphenol	8.393	108	194516	30.310	ng/ul	95
19) Hexachloroethane	8.669	117	72141	27.560	ng/ul	92
22) Nitrobenzene	8.816	77	230307	27.920	ng/ul	99
23) Isophorone	9.340	82	444236	28.007	ng/ul	99
25) 2-Nitrophenol	9.522	139	105752	31.027	ng/ul	93
26) 2,4-Dimethylphenol	9.581	107	197411	26.548	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	240942	27.400	ng/ul	98
29) 2,4-Dichlorophenol	10.051	162	189725	32.483	ng/ul	97
30) Naphthalene	10.440	128	579074	29.278	ng/ul	99
32) 4-Chloroaniline	10.575	127	237291	28.874	ng/ul	98
33) Hexachlorobutadiene	10.704	225	132255	29.153	ng/ul	98
34) Caprolactam	11.387	113	70017m	34.332	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	233535	32.113	ng/ul	100
36) 2-Methylnaphthalene	12.069	142	416581	30.271	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	417334	30.136	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.439	216	259839	30.039	ng/ul	100
40) Hexachlorocyclopentadiene	12.398	237	74346	15.803	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	170872	31.500	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	187104	32.054	ng/ul	96
43) 1,1'-Biphenyl	13.104	154	574491	29.285	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	458619	29.462	ng/ul	99
45) 2-Nitroaniline	13.381	65	162074	31.389	ng/ul	96
47) Dimethylphthalate	13.757	163	600758	29.364	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	127230	31.282	ng/ul	98
50) Acenaphthylene	14.004	152	736195	29.254	ng/ul	99
51) 3-Nitroaniline	14.228	138	130018	34.275	ng/ul	99
52) Acenaphthene	14.351	153	488775	28.901	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	53566	21.457	ng/ul	92
55) 4-Nitrophenol	14.557	109	102105	31.504	ng/ul	94
56) Dibenzofuran	14.698	168	716444	30.802	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	198241	33.902	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.933	232	172936	32.992	ng/ul	98
59) Diethylphthalate	15.151	149	625206	30.614	ng/ul	99
61) Fluorene	15.369	166	590758	30.568	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	314676	30.691	ng/ul	93
63) 4-Nitroaniline	15.428	138	122654	38.799	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.480	198	101651	24.991	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	512911	29.968	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	203873	30.619	ng/ul	99
69) Hexachlorobenzene	16.386	284	241394	31.302	ng/ul	96
70) Atrazine	16.592	200	197815	32.595	ng/ul	98
71) Pentachlorophenol	16.763	266	137928	29.590	ng/ul	97
72) Phenanthrene	17.169	178	970951	30.959	ng/ul	99
74) Anthracene	17.269	178	973490	30.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	256247	28.049	ng/uL	97
76) Pentachlorobenzene	14.610	250	276238	30.215	ng/uL	96
77) Carbazole	17.569	167	887442	32.294	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1066976	32.033	ng/ul	99
80) Fluoranthene	19.286	202	1200898	30.174	ng/ul	98
82) Pyrene	19.663	202	1296626	31.312	ng/ul	98
83) Butylbenzylphthalate	20.645	149	517297	32.909	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	358199	30.422	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1225234	31.225	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.557	149	729291	32.160	ng/ul	96
87) Chrysene	21.674	228	1127535	31.003	ng/ul	99
89) Di-n-octyl phthalate	22.862	149	1239727	34.752	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1071855	32.348	ng/ul	99
91) Benzo(k)fluoranthene	24.009	252	1085292	32.140	ng/ul	99
93) Benzo(a)pyrene	24.839	252	904309	28.682	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.797	276	1213101m	31.387	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	989329	30.947	ng/ul	97
96) Benzo(g,h,i)perylene	29.986	276	921615m	29.565	ng/ul	

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

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