Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022371.D
Acq On : 15 Oct 2024 01:32
Operator : RC/JU
Sample : PB163830BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 02:04:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS830

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/15/2024
Supervised By :mohammad ahmed
10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	103180	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	407767	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	330735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	817486	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	854475	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	988954	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10945	4.122	ng/uL	0.00
4) Pyridine-d5	3.634	84	151928	20.843	ng/ul	0.00
7) Phenol-d5	6.887	99	204714	23.570	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	113273	22.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	151804	24.632	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	167303	24.137	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	73715	23.511	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	93643	25.798	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	191699	24.848	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	210560	23.098	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	586428	22.317	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	661240	23.692	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	106984	24.268	ng/ul	-0.01
60) Fluorene-d10	15.316	176	547442	24.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	122672	22.816	ng/ul	0.01
73) Anthracene-d10	17.210	188	930381	24.193	ng/ul	0.00
81) Pyrene-d10	19.580	212	1198510	26.524	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.609	264	1315841	24.914	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	22064	7.728	ng/uL	95
5) Pyridine	3.652	79	147352	19.716	ng/ul	98
6) Benzaldehyde	6.857	77	112022	23.867	ng/ul	98
8) Phenol	6.916	94	205951	22.791	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	149671	22.131	ng/ul	99
12) 2-Chlorophenol	7.275	128	151738	23.810	ng/ul	95
13) 2-Methylphenol	8.140	108	149656	22.821	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	167340	21.291	ng/ul	99
16) Acetophenone	8.504	105	256330	22.400	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.493	70	126840	21.878	ng/ul	99
18) 4-Methylphenol	8.463	108	165445	22.741	ng/ul	93
19) Hexachloroethane	8.757	117	67965	22.899	ng/ul	96
22) Nitrobenzene	8.881	77	203139	21.706	ng/ul	97
23) Isophorone	9.398	82	367380	21.894	ng/ul	99
25) 2-Nitrophenol	9.581	139	92330	23.602	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	160390	18.863	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.875	93	207121	21.739	ng/ul	97
29) 2,4-Dichlorophenol	10.116	162	184697	24.311	ng/ul	100
30) Naphthalene	10.504	128	490771	22.597	ng/ul	98
32) 4-Chloroaniline	10.616	127	168069	18.677	ng/ul	98
33) Hexachlorobutadiene	10.787	225	143315	22.382	ng/ul	99
34) Caprolactam	11.393	113	55162	22.521	ng/ul	99
35) 4-Chloro-3-methylphenol	11.745	107	200908	24.237	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	364277	22.849	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	365984	22.491	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	273978	22.404	ng/ul	96
40) Hexachlorocyclopentadiene	12.457	237	87835	11.789	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	175371	22.798	ng/ul	96
42) 2,4,5-Trichlorophenol	12.810	196	193472	23.621	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	523326	21.952	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	437960	22.442	ng/ul	97
45) 2-Nitroaniline	13.387	65	132670	22.768	ng/ul	95
47) Dimethylphthalate	13.763	163	567726	21.682	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	119030	24.033	ng/ul	97
50) Acenaphthylene	14.022	152	654088	22.581	ng/ul	100
51) 3-Nitroaniline	14.216	138	112999	24.292	ng/ul	98
52) Acenaphthene	14.375	153	458658	22.392	ng/ul	98
53) 2,4-Dinitrophenol	14.439	184	73203	20.089	ng/ul	95
55) 4-Nitrophenol	14.539	109	115142	23.533	ng/ul	92
56) Dibenzofuran	14.716	168	690735	22.450	ng/ul	98
57) 2,4-Dinitrotoluene	14.675	165	185280	24.074	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	174472	22.821	ng/ul	98
59) Diethylphthalate	15.145	149	545389	21.710	ng/ul	98
61) Fluorene	15.369	166	566560	22.600	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.357	204	321019	22.392	ng/ul	97
63) 4-Nitroaniline	15.404	138	126972	27.126	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.475	198	125721	21.709	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	494286	22.579	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	231872	23.521	ng/ul	98
69) Hexachlorobenzene	16.386	284	286028	23.571	ng/ul	97
70) Atrazine	16.563	200	161611	17.760	ng/ul	95
71) Pentachlorophenol	16.751	266	172119	22.060	ng/ul	97
72) Phenanthrene	17.145	178	1003657	22.948	ng/ul	99
74) Anthracene	17.239	178	996952	22.842	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	270758	21.753	ng/uL	99
76) Pentachlorobenzene	14.628	250	299963	21.800	ng/uL	99
77) Carbazole	17.527	167	908392	23.521	ng/ul	99
78) Di-n-butylphthalate	18.104	149	977088	22.865	ng/ul	100
80) Fluoranthene	19.233	202	1321442	25.438	ng/ul	100
82) Pyrene	19.616	202	1388478	24.938	ng/ul	98
83) Butylbenzylphthalate	20.563	149	477887	24.653	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	494063	24.256	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1390147	23.207	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	652662	23.456	ng/ul	99
87) Chrysene	21.598	228	1299291	23.393	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1110371	23.604	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1492522	23.976	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	1422402	23.338	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1304610	22.771	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	1790958m	23.425	ng/ul	
95) Dibenzo(a,h)anthracene	28.639	278	1438457	23.234	ng/ul	99
96) Benzo(g,h,i)perylene	29.733	276	1377947	23.171	ng/ul	99

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

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