Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023497.D
Acq On : 18 Dec 2024 14:14
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 15:21:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020757

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	185005	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.269	136	713254	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.140	164	532410	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1224979	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	1346264	20.000	ng/ul	# 0.00
88) Perylene-d12	24.545	264	1438910	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	38600	7.681	ng/uL	-0.01
4) Pyridine-d5	3.505	84	293796	22.736	ng/ul	-0.01
7) Phenol-d5	6.740	99	319492	22.010	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	204401	22.319	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	227933	21.275	ng/ul	-0.01
15) 4-Methylphenol-d8	8.246	113	248923	21.247	ng/ul	-0.01
21) Nitrobenzene-d5	8.675	128	110052	20.663	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.381	143	130765	21.303	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.922	165	258988	19.991	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.428	131	313456	21.597	ng/ul	-0.01
46) Dimethylphthalate-d6	13.551	166	832631	20.145	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	900927	20.666	ng/ul	0.00
54) 4-Nitrophenol-d4	14.434	143	97428m	19.236	ng/ul	0.02
60) Fluorene-d10	15.157	176	704008	19.365	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	150915	20.385	ng/ul	0.00
73) Anthracene-d10	17.051	188	1191288	21.309	ng/ul	0.00
81) Pyrene-d10	19.445	212	1508558	21.448	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.327	264	1536778	19.951	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	43729	7.865	ng/uL	97
5) Pyridine	3.522	79	307354	23.286	ng/ul	91
6) Benzaldehyde	6.699	77	219757	26.481	ng/ul	99
8) Phenol	6.769	94	334114	22.109	ng/ul#	85
10) Bis(2-Chloroethyl)ether	6.969	93	268406	22.500	ng/ul	99
12) 2-Chlorophenol	7.111	128	237835	21.176	ng/ul	97
13) 2-Methylphenol	7.987	108	244540	21.819	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	346499	23.886	ng/ul	98
16) Acetophenone	8.340	105	405474	20.563	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.316	70	225916	21.026	ng/ul	95
18) 4-Methylphenol	8.310	108	267766	22.136	ng/ul	99
19) Hexachloroethane	8.569	117	107262	19.614	ng/ul	91
22) Nitrobenzene	8.716	77	333623	20.586	ng/ul	99
23) Isophorone	9.222	82	629986	21.947	ng/ul	98
25) 2-Nitrophenol	9.410	139	140800	21.473	ng/ul#	88
26) 2,4-Dimethylphenol	9.487	107	292978	20.178	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.699	93	366091	22.573	ng/ul	99
29) 2,4-Dichlorophenol	9.952	162	260376	20.278	ng/ul	99
30) Naphthalene	10.316	128	756800	20.268	ng/ul	100
32) 4-Chloroaniline	10.451	127	306756	21.797	ng/ul	97
33) Hexachlorobutadiene	10.587	225	186421	16.367	ng/ul	97
34) Caprolactam	11.234	113	89771m	23.961	ng/ul	
35) 4-Chloro-3-methylphenol	11.604	107	286368	20.540	ng/ul	92
36) 2-Methylnaphthalene	11.934	142	546848	19.749	ng/ul	97

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37) 1-Methylnaphthalene	12.151	142	567199	20.102	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.310	216	352142	18.125	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	130966	14.030	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	228246	19.851	ng/ul	98
42) 2,4,5-Trichlorophenol	12.663	196	247482	20.146	ng/ul	99
43) 1,1'-Biphenyl	12.957	154	755742	20.034	ng/ul	97
44) 2-Chloronaphthalene	13.004	162	617082	20.223	ng/ul	97
45) 2-Nitroaniline	13.234	65	193716	21.912	ng/ul	87
47) Dimethylphthalate	13.598	163	834765	20.503	ng/ul	99
48) 2,6-Dinitrotoluene	13.740	165	164523	21.090	ng/ul	89
50) Acenaphthylene	13.857	152	920597	20.736	ng/ul	99
51) 3-Nitroaniline	14.087	138	157322	24.062	ng/ul	95
52) Acenaphthene	14.204	153	659646	20.328	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	94103	18.706	ng/ul	90
55) 4-Nitrophenol	14.445	109	121495	17.806	ng/ul#	67
56) Dibenzofuran	14.545	168	965426	19.590	ng/ul	96
57) 2,4-Dinitrotoluene	14.545	165	253796	20.189	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.804	232	221681	18.177	ng/ul#	95
59) Diethylphthalate	14.987	149	831654	20.482	ng/ul	99
61) Fluorene	15.210	166	787125	19.616	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.204	204	415644	17.859	ng/ul	98
63) 4-Nitroaniline	15.269	138	148509	25.824	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.334	198	166200	21.162	ng/ul	99
67) N-Nitrosodiphenylamine	15.434	169	688682	22.015	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	271842	18.798	ng/ul	97
69) Hexachlorobenzene	16.239	284	301088	16.995	ng/ul	97
70) Atrazine	16.416	200	298655	21.941	ng/ul	99
71) Pentachlorophenol	16.610	266	190336	18.407	ng/ul	95
72) Phenanthrene	16.992	178	1340676	21.170	ng/ul	99
74) Anthracene	17.086	178	1361934	21.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	357668	20.256	ng/uL	98
76) Pentachlorobenzene	14.475	250	363298	18.666	ng/uL	99
77) Carbazole	17.381	167	1237757	23.992	ng/ul	98
78) Di-n-butylphthalate	17.957	149	1473570	23.246	ng/ul	99
80) Fluoranthene	19.098	202	1740973	21.601	ng/ul#	93
82) Pyrene	19.480	202	1838896	21.501	ng/ul#	93
83) Butylbenzylphthalate	20.422	149	738250	24.923	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.286	252	644894	20.876	ng/ul#	98
85) Benzo(a)anthracene	21.363	228	1811381	20.065	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1048491	24.649	ng/ul	100
87) Chrysene	21.427	228	1715340	19.827	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1817941	25.869	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	1854609	20.514	ng/ul#	98
91) Benzo(k)fluoranthene	23.604	252	1795980	19.966	ng/ul#	98
93) Benzo(a)pyrene	24.392	252	1672855	20.408	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.121	276	2118876	20.115	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.198	278	1674395m	19.862	ng/ul	
96) Benzo(g,h,i)perylene	29.245	276	1616219m	20.040	ng/ul	

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

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