Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023734.D
Acq On : 27 Jan 2025 10:26
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 22:28:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	512372	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2136120	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1302416	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	2547549	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	2732517	20.000	ng/ul	0.00
88) Perylene-d12	25.062	264	2634366	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	101693	7.994	ng/uL	0.00
4) Pyridine-d5	3.705	84	730299	19.894	ng/ul	0.00
7) Phenol-d5	6.952	99	829705	19.138	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	502386	20.515	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	659701	20.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	653092	19.157	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	319248	19.836	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	285720	19.364	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	608502	19.620	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	952681	19.207	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	1826441	19.499	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2175795	20.071	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	344018	18.279	ng/ul	0.00
60) Fluorene-d10	15.422	176	1593206	19.871	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	212160	16.911	ng/ul	0.00
73) Anthracene-d10	17.322	188	2510215	20.524	ng/ul	0.00
81) Pyrene-d10	19.692	212	2851733	20.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.845	264	2630409	19.949	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	108078	8.031	ng/uL	96
5) Pyridine	3.722	79	746558	20.116	ng/ul	97
6) Benzaldehyde	6.934	77	556802	25.555	ng/ul	98
8) Phenol	6.975	94	886475	19.541	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.210	93	710838	20.141	ng/ul	98
12) 2-Chlorophenol	7.357	128	695436	19.903	ng/ul	98
13) 2-Methylphenol	8.216	108	631874	19.194	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.299	45	766424	20.937	ng/ul	100
16) Acetophenone	8.599	105	1107331	20.225	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	511544	20.195	ng/ul	98
18) 4-Methylphenol	8.540	108	709768	19.391	ng/ul	97
19) Hexachloroethane	8.863	117	285488	19.992	ng/ul	98
22) Nitrobenzene	8.969	77	776171	20.642	ng/ul	99
23) Isophorone	9.499	82	1402152	19.605	ng/ul	99
25) 2-Nitrophenol	9.681	139	341824	19.732	ng/ul	98
26) 2,4-Dimethylphenol	9.740	107	722825	20.132	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.975	93	910917	19.656	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	637582	19.885	ng/ul	99
30) Naphthalene	10.616	128	2281745	19.849	ng/ul	100
32) 4-Chloroaniline	10.716	127	928564	19.610	ng/ul	100
33) Hexachlorobutadiene	10.910	225	393436	19.493	ng/ul	98
34) Caprolactam	11.475	113	226853	19.288	ng/ul	96
35) 4-Chloro-3-methylphenol	11.840	107	648612	19.528	ng/ul	100
36) 2-Methylnaphthalene	12.228	142	1520934	19.593	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	1514867	19.522	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	785952	20.316	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	418768	21.245	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	454141	19.967	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	508073	20.224	ng/ul	97
43) 1,1'-Biphenyl	13.240	154	1998889	20.397	ng/ul	100
44) 2-Chloronaphthalene	13.281	162	1543872	20.235	ng/ul	99
45) 2-Nitroaniline	13.475	65	377927	20.857	ng/ul	96
47) Dimethylphthalate	13.863	163	1834640	19.511	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	330913	19.730	ng/ul	96
50) Acenaphthylene	14.134	152	2372367	20.184	ng/ul	100
51) 3-Nitroaniline	14.304	138	390701	19.961	ng/ul	94
52) Acenaphthene	14.481	153	1679482	20.209	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	143168	17.387	ng/ul	97
55) 4-Nitrophenol	14.610	109	269252	19.495	ng/ul	98
56) Dibenzofuran	14.816	168	2321903	20.313	ng/ul	100
57) 2,4-Dinitrotoluene	14.769	165	500092	19.930	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.045	232	401828	19.476	ng/ul	96
59) Diethylphthalate	15.245	149	1783973	19.289	ng/ul	99
61) Fluorene	15.475	166	1957543	20.551	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	939620	20.153	ng/ul	99
63) 4-Nitroaniline	15.481	138	432270	21.706	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.539	198	249745	17.701	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	1547307	20.222	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	538028	19.726	ng/ul	97
69) Hexachlorobenzene	16.498	284	649831	19.579	ng/ul	99
70) Atrazine	16.663	200	534170	18.927	ng/ul	99
71) Pentachlorophenol	16.851	266	401136	20.008	ng/ul	98
72) Phenanthrene	17.263	178	2919634	20.285	ng/ul	100
74) Anthracene	17.357	178	2991171	20.921	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	768129	20.783	ng/uL	99
76) Pentachlorobenzene	14.739	250	782097	19.920	ng/uL	99
77) Carbazole	17.628	167	2682243	21.359	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2867622	20.068	ng/ul	99
80) Fluoranthene	19.351	202	3299800	20.872	ng/ul	99
82) Pyrene	19.722	202	3699037	21.542	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1168788	18.874	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.569	252	904028	18.746	ng/ul	99
85) Benzo(a)anthracene	21.657	228	3564686	20.578	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	1749719	18.947	ng/ul	99
87) Chrysene	21.721	228	3352909	20.674	ng/ul	99
89) Di-n-octyl phthalate	22.921	149	2459931	18.627	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	3185879	20.358	ng/ul	99
91) Benzo(k)fluoranthene	24.068	252	3316510	20.558	ng/ul	100
93) Benzo(a)pyrene	24.910	252	3037662	20.624	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.927	276	3596955m	19.648	ng/ul	
95) Dibenzo(a,h)anthracene	29.009	278	2952715	19.855	ng/ul	98
96) Benzo(g,h,i)perylene	30.115	276	2753962	19.556	ng/ul	100

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

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