Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021125\
Data File : BP024045.D
Acq On : 11 Feb 2025 19:41
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020658

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/13/2025
Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 13 16:29:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 12:56:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	410183	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1691611	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	1023990	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	2059896	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	2135294	20.000	ng/ul	0.00
88) Perylene-d12	24.945	264	2192833	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	82246	8.331	ng/uL	0.00
4) Pyridine-d5	3.699	84	592764	20.808	ng/ul	0.00
7) Phenol-d5	6.946	99	748733	20.626	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	396671	20.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	603501	21.171	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	597659	20.155	ng/ul	0.00
21) Nitrobenzene-d5	8.905	128	288827	21.341	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	300948	20.608	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	582604	21.747	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	851896	21.263	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1598713	20.931	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	1915735	22.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	289374	19.077	ng/ul	0.00
60) Fluorene-d10	15.381	176	1404684	21.839	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	209679	16.500	ng/ul	0.00
73) Anthracene-d10	17.269	188	2227092	22.020	ng/ul	0.00
81) Pyrene-d10	19.628	212	2502476	21.872	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.727	264	2472789	21.613	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	87442	8.422	ng/uL	97
5) Pyridine	3.717	79	604210	21.185	ng/ul	100
6) Benzaldehyde	6.916	77	454512	25.511	ng/ul	99
8) Phenol	6.975	94	790296	21.203	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.187	93	590111	20.798	ng/ul	99
12) 2-Chlorophenol	7.334	128	627309	21.361	ng/ul	99
13) 2-Methylphenol	8.205	108	571822	20.389	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	599948	20.495	ng/ul	98
16) Acetophenone	8.575	105	930742	20.532	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.558	70	413116	19.353	ng/ul	98
18) 4-Methylphenol	8.528	108	637533	20.488	ng/ul	100
19) Hexachloroethane	8.828	117	243061	20.932	ng/ul	96
22) Nitrobenzene	8.946	77	650458	22.146	ng/ul	98
23) Isophorone	9.469	82	1141367	19.246	ng/ul	99
25) 2-Nitrophenol	9.652	139	334263	20.985	ng/ul	97
26) 2,4-Dimethylphenol	9.716	107	633632	21.492	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.946	93	760269	20.581	ng/ul	99
29) 2,4-Dichlorophenol	10.187	162	593591	21.849	ng/ul	99
30) Naphthalene	10.581	128	1974531	21.806	ng/ul	100
32) 4-Chloroaniline	10.687	127	817497	21.621	ng/ul	100
33) Hexachlorobutadiene	10.869	225	349943	21.277	ng/ul	98
34) Caprolactam	11.463	113	180571	17.156	ng/ul	98
35) 4-Chloro-3-methylphenol	11.822	107	599154	20.516	ng/ul	98
36) 2-Methylnaphthalene	12.187	142	1333884	20.951	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1333751	21.117	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.563	216	693906	22.922	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	359050	21.048	ng/ul	98
41) 2,4,6-Trichlorophenol	12.804	196	444599	21.987	ng/ul	100
42) 2,4,5-Trichlorophenol	12.887	196	492338	22.589	ng/ul	100
43) 1,1'-Biphenyl	13.204	154	1714457	22.556	ng/ul	100
44) 2-Chloronaphthalene	13.246	162	1363838	23.028	ng/ul	99
45) 2-Nitroaniline	13.451	65	338871	21.984	ng/ul	97
47) Dimethylphthalate	13.834	163	1585242	20.860	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	314788	21.195	ng/ul	99
50) Acenaphthylene	14.098	152	2072003	22.586	ng/ul	100
51) 3-Nitroaniline	14.287	138	356979	21.871	ng/ul	100
52) Acenaphthene	14.445	153	1446119	22.233	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	167888	18.962	ng/ul	97
55) 4-Nitrophenol	14.610	109	219123	20.419	ng/ul	97
56) Dibenzofuran	14.781	168	2019662	22.409	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	470416	21.295	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.010	232	388835	20.965	ng/ul	90
59) Diethylphthalate	15.210	149	1555454	20.429	ng/ul	99
61) Fluorene	15.440	166	1684724	22.533	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	807884	21.828	ng/ul	99
63) 4-Nitroaniline	15.451	138	385504	24.276	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.516	198	236834	16.951	ng/ul	95
67) N-Nitrosodiphenylamine	15.651	169	1386143	22.049	ng/ul	99
68) 4-Bromophenyl-phenylether	16.340	248	498435	21.447	ng/ul	99
69) Hexachlorobenzene	16.457	284	578730	20.552	ng/ul	99
70) Atrazine	16.622	200	479937	19.714	ng/ul	100
71) Pentachlorophenol	16.810	266	347396	20.057	ng/ul	100
72) Phenanthrene	17.204	178	2581074	22.188	ng/ul	100
74) Anthracene	17.298	178	2606065	22.215	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	682609	22.630	ng/uL	99
76) Pentachlorobenzene	14.704	250	710060	21.844	ng/uL	98
77) Carbazole	17.581	167	2393257	23.286	ng/ul	99
78) Di-n-butylphthalate	18.163	149	2576424	20.254	ng/ul	100
80) Fluoranthene	19.281	202	2914623	22.116	ng/ul	100
82) Pyrene	19.657	202	3142102	22.799	ng/ul	98
83) Butylbenzylphthalate	20.610	149	1150170	19.380	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.504	252	893629	19.343	ng/ul	100
85) Benzo(a)anthracene	21.580	228	3030401	21.582	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1626085	18.778	ng/ul	100
87) Chrysene	21.651	228	2888310	22.324	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	2557361	19.455	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	2909281	21.865	ng/ul	99
91) Benzo(k)fluoranthene	23.963	252	2992017	22.431	ng/ul	100
93) Benzo(a)pyrene	24.798	252	2737840	22.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.762	276	3214389m	19.957	ng/ul	
95) Dibenzo(a,h)anthracene	28.827	278	2558917	19.586	ng/ul	99
96) Benzo(g,h,i)perylene	29.939	276	2481090m	20.111	ng/ul	

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

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