Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
Data File : BP024150.D
Acq On : 04 Mar 2025 15:04
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV629

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

Quant Time: Mar 04 15:28:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 14:51:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	338514	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.528	136	1444382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	924021	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1798098	20.000	ng/ul	0.01
79) Chrysene-d12	21.663	240	1864057	20.000	ng/ul	0.01
88) Perylene-d12	25.063	264	1939045	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	66030	7.770	ng/uL	0.00
4) Pyridine-d5	3.675	84	483424	19.775	ng/ul	0.00
7) Phenol-d5	6.922	99	580065	19.313	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.081	67	371257	22.446	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.287	132	471473	20.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.452	113	473938	19.985	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	236999	20.321	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	251093	20.622	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.152	165	464570	21.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	672713	20.104	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1419700	21.203	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	1620642	20.868	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	258097	18.828	ng/ul	0.00
60) Fluorene-d10	15.410	176	1181257	20.764	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	220902	19.458	ng/ul	0.01
73) Anthracene-d10	17.310	188	1857511	21.168	ng/ul	0.01
81) Pyrene-d10	19.680	212	2059970	22.058	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.821	264	2086452	20.755	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	70131	7.825	ng/uL	99
5) Pyridine	3.699	79	486929	19.671	ng/ul	97
6) Benzaldehyde	6.899	77	402561	25.995	ng/ul	98
8) Phenol	6.952	94	617521	19.785	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.175	93	489286	20.605	ng/ul	98
12) 2-Chlorophenol	7.316	128	497648	20.695	ng/ul	100
13) 2-Methylphenol	8.187	108	465177	20.394	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	526536	21.144	ng/ul	99
16) Acetophenone	8.563	105	786224	21.420	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.546	70	383805	22.295	ng/ul	99
18) 4-Methylphenol	8.510	108	508977	20.137	ng/ul	98
19) Hexachloroethane	8.816	117	198968	20.753	ng/ul	99
22) Nitrobenzene	8.934	77	535602	20.422	ng/ul	99
23) Isophorone	9.463	82	1065477	21.689	ng/ul	99
25) 2-Nitrophenol	9.640	139	281413	20.869	ng/ul	97
26) 2,4-Dimethylphenol	9.710	107	545631	22.577	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	675017	21.599	ng/ul	99
29) 2,4-Dichlorophenol	10.181	162	465726	20.828	ng/ul	99
30) Naphthalene	10.575	128	1591834	20.354	ng/ul	100
32) 4-Chloroaniline	10.687	127	710149	22.246	ng/ul	98
33) Hexachlorobutadiene	10.863	225	287534	21.000	ng/ul	100
34) Caprolactam	11.469	113	164978	19.428	ng/ul	99
35) 4-Chloro-3-methylphenol	11.816	107	498818	21.440	ng/ul	97
36) 2-Methylnaphthalene	12.193	142	1009007	19.122	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1067138	20.461	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	576184	20.634	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	349076	24.054	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	367802	20.937	ng/ul	100
42) 2,4,5-Trichlorophenol	12.887	196	407799	21.326	ng/ul	97
43) 1,1'-Biphenyl	13.216	154	1490951	21.219	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	1095106	20.092	ng/ul	99
45) 2-Nitroaniline	13.463	65	299696	21.136	ng/ul	99
47) Dimethylphthalate	13.845	163	1430075	21.350	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	298980	22.760	ng/ul	96
50) Acenaphthylene	14.110	152	1834007	21.795	ng/ul	99
51) 3-Nitroaniline	14.292	138	338717	22.179	ng/ul	97
52) Acenaphthene	14.463	153	1197934	20.224	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	151512	18.502	ng/ul	96
55) 4-Nitrophenol	14.622	109	183299	19.289	ng/ul	96
56) Dibenzofuran	14.804	168	1682911	20.605	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	414382	21.192	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.034	232	356002	22.638	ng/ul	99
59) Diethylphthalate	15.234	149	1428150	21.537	ng/ul	100
61) Fluorene	15.469	166	1390916	20.830	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	681410	21.124	ng/ul	99
63) 4-Nitroaniline	15.487	138	354718	23.604	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.545	198	249410	20.132	ng/ul	97
67) N-Nitrosodiphenylamine	15.675	169	1197795	21.849	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	432116	21.810	ng/ul	96
69) Hexachlorobenzene	16.498	284	506545	21.048	ng/ul	97
70) Atrazine	16.657	200	430682	21.699	ng/ul	100
71) Pentachlorophenol	16.851	266	302289	20.011	ng/ul	100
72) Phenanthrene	17.251	178	2145019	20.866	ng/ul	99
74) Anthracene	17.345	178	2213499	21.371	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	550731	20.339	ng/uL	98
76) Pentachlorobenzene	14.722	250	563683	19.909	ng/uL	99
77) Carbazole	17.628	167	2032342	21.611	ng/ul	99
78) Di-n-butylphthalate	18.228	149	2463054	22.487	ng/ul	99
80) Fluoranthene	19.339	202	2440624	22.416	ng/ul	98
82) Pyrene	19.710	202	2545498	21.696	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1102114	23.296	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	961599	25.790	ng/ul	99
85) Benzo(a)anthracene	21.645	228	2555437	20.953	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	1654999	23.311	ng/ul	99
87) Chrysene	21.716	228	2333716	20.372	ng/ul	99
89) Di-n-octyl phthalate	22.886	149	2587762	22.861	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	2439155	21.149	ng/ul	100
91) Benzo(k)fluoranthene	24.039	252	2486900	21.245	ng/ul	100
93) Benzo(a)pyrene	24.880	252	2363344	21.672	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.903	276	2901470m	20.121	ng/ul	
95) Dibenzo(a,h)anthracene	28.998	278	2397865	20.481	ng/ul	99
96) Benzo(g,h,i)perylene	30.092	276	2310214m	20.645	ng/ul	

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

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