Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011425\
Data File : BP023609.D
Acq On : 14 Jan 2025 16:43
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV608

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

Quant Time: Jan 14 17:30:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	478084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	2013815	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1268094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2456515	20.000	ng/ul	-0.01
79) Chrysene-d12	21.704	240	2661728	20.000	ng/ul	0.00
88) Perylene-d12	25.133	264	2648287	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	93985	7.248	ng/uL	0.00
4) Pyridine-d5	3.717	84	706802	19.553	ng/ul	0.00
7) Phenol-d5	6.964	99	817096	19.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	539745	22.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	647168	19.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	643904	20.169	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	300328	19.539	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	209078	20.723	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	610341	19.889	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	967540	19.749	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1915530	19.410	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	2288068	19.489	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	315972	19.262	ng/ul	0.00
60) Fluorene-d10	15.440	176	1622446	18.996	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	129719	16.229	ng/ul	0.00
73) Anthracene-d10	17.328	188	2539249	19.149	ng/ul	-0.02
81) Pyrene-d10	19.704	212	2908245	19.723	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.892	264	2786053	19.358	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	98159	7.154	ng/uL	97
5) Pyridine	3.734	79	624261	17.123	ng/ul	99
6) Benzaldehyde	6.952	77	458441	20.615	ng/ul	98
8) Phenol	6.993	94	808558	18.429	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	659582	19.005	ng/ul	98
12) 2-Chlorophenol	7.375	128	640998	18.422	ng/ul	98
13) 2-Methylphenol	8.228	108	596884	18.639	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.322	45	689676	19.184	ng/ul	100
16) Acetophenone	8.611	105	1064932	19.473	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	498046	18.736	ng/ul	99
18) 4-Methylphenol	8.552	108	651709	18.514	ng/ul	100
19) Hexachloroethane	8.887	117	258449	18.506	ng/ul	97
22) Nitrobenzene	8.987	77	674139	18.021	ng/ul	99
23) Isophorone	9.510	82	1364341	17.957	ng/ul	100
25) 2-Nitrophenol	9.699	139	255792	19.331	ng/ul	98
26) 2,4-Dimethylphenol	9.752	107	583520	15.939	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	861630	18.072	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	580614	18.275	ng/ul	100
30) Naphthalene	10.640	128	2139590	17.936	ng/ul	100
32) 4-Chloroaniline	10.734	127	901312	19.224	ng/ul	99
33) Hexachlorobutadiene	10.934	225	378277	17.959	ng/ul	98
34) Caprolactam	11.475	113	203338	17.522	ng/ul	93
35) 4-Chloro-3-methylphenol	11.852	107	588629	18.179	ng/ul	99
36) 2-Methylnaphthalene	12.246	142	1481888	18.379	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.463	142	1391797	17.380	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.616	216	748735	17.894	ng/ul	100
40)	Hexachlorocyclopentadiene	12.604	237	326976	20.243	ng/ul	98
41)	2,4,6-Trichlorophenol	12.851	196	404672	18.579	ng/ul	100
42)	2,4,5-Trichlorophenol	12.922	196	439920	18.161	ng/ul	100
43)	1,1'-Biphenyl	13.257	154	1931509	18.406	ng/ul	99
44)	2-Chloronaphthalene	13.299	162	1463237	17.901	ng/ul	98
45)	2-Nitroaniline	13.493	65	303224	18.754	ng/ul	95
47)	Dimethylphthalate	13.887	163	1768168	17.834	ng/ul	100
48)	2,6-Dinitrotoluene	13.993	165	328456	21.565	ng/ul	95
50)	Acenaphthylene	14.151	152	2333053	18.340	ng/ul	100
51)	3-Nitroaniline	14.322	138	381904	21.307	ng/ul	95
52)	Acenaphthene	14.498	153	1591408	17.859	ng/ul	99
53)	2,4-Dinitrophenol	14.528	184	85335	17.704	ng/ul	94
55)	4-Nitrophenol	14.622	109	236295	18.558	ng/ul	96
56)	Dibenzofuran	14.840	168	2210915	18.226	ng/ul	98
57)	2,4-Dinitrotoluene	14.787	165	427101	18.560	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.063	232	386182	20.393	ng/ul	99
59)	Diethylphthalate	15.269	149	1759167	17.997	ng/ul	100
61)	Fluorene	15.498	166	1848222	18.147	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.493	204	881956	17.721	ng/ul	99
63)	4-Nitroaniline	15.493	138	424684	22.555	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.557	198	146616	15.413	ng/ul#	96
67)	N-Nitrosodiphenylamine	15.704	169	1503060	18.274	ng/ul	98
68)	4-Bromophenyl-phenylether	16.404	248	512890	17.515	ng/ul	100
69)	Hexachlorobenzene	16.522	284	633948	17.657	ng/ul	98
70)	Atrazine	16.675	200	499657	17.498	ng/ul	99
71)	Pentachlorophenol	16.869	266	301834	17.242	ng/ul	99
72)	Phenanthrene	17.275	178	2749766	17.854	ng/ul	99
74)	Anthracene	17.363	178	2793942	18.080	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.222	216	703800	17.506	ng/uL	98
76)	Pentachlorobenzene	14.757	250	715658	16.804	ng/uL	99
77)	Carbazole	17.639	167	2567847	20.007	ng/ul	99
78)	Di-n-butylphthalate	18.251	149	2822575	18.936	ng/ul	100
80)	Fluoranthene	19.363	202	3133201	18.576	ng/ul	97
82)	Pyrene	19.733	202	3426852	18.647	ng/ul	99
83)	Butylbenzylphthalate	20.710	149	901666	18.676	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.604	252	984281	21.799	ng/ul	99
85)	Benzo(a)anthracene	21.680	228	3384454	17.885	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.651	149	1595925	19.376	ng/ul	99
87)	Chrysene	21.751	228	3137890	17.807	ng/ul	100
89)	Di-n-octyl phthalate	22.974	149	1970311	17.676	ng/ul	100
90)	Benzo(b)fluoranthene	24.045	252	3041838	18.282	ng/ul	100
91)	Benzo(k)fluoranthene	24.116	252	3263929	17.901	ng/ul	99
93)	Benzo(a)pyrene	24.963	252	3027672	18.497	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.039	276	3530924m	18.130	ng/ul	
95)	Dibenzo(a,h)anthracene	29.127	278	2863094	18.139	ng/ul	99
96)	Benzo(g,h,i)perylene	30.233	276	2887344	18.899	ng/ul	99

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

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