Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013024\
Data File : BP019489.D
Acq On : 30 Jan 2024 19:17
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP013024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 01:57:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 01:55:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	67458	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	280689	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	185928	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	375502	20.000	ng		0.00
76) Chrysene-d12	21.398	240	271934	20.000	ng		0.00
86) Perylene-d12	23.816	264	318200	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	324850	73.335	ng		0.00
7) Phenol-d6	7.087	99	475096	78.171	ng		0.00
23) Nitrobenzene-d5	9.087	82	533087	76.664	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	193204	74.719	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1121198	76.214	ng		0.00
79) Terphenyl-d14	19.875	244	1404340	81.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	60725	35.907	ng		99
3) Pyridine	3.787	79	181317m	37.408	ng		
4) n-Nitrosodimethylamine	3.711	42	100506	37.771	ng		96
6) Aniline	7.252	93	237211	39.470	ng		98
8) 2-Chlorophenol	7.481	128	173921	38.311	ng		97
9) Benzaldehyde	7.063	77	122949	40.359	ng		98
10) Phenol	7.116	94	236284	38.902	ng		98
11) bis(2-Chloroethyl)ether	7.352	93	173861	38.325	ng		99
12) 1,3-Dichlorobenzene	7.805	146	199598	37.343	ng		97
13) 1,4-Dichlorobenzene	7.952	146	201086	37.255	ng		99
14) 1,2-Dichlorobenzene	8.263	146	196129	37.549	ng		98
15) Benzyl Alcohol	8.163	79	209750	40.477	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	231093	39.126	ng		99
17) 2-Methylphenol	8.363	107	162517	39.655	ng		97
18) Hexachloroethane	8.987	117	81697	37.574	ng		95
19) n-Nitroso-di-n-propyla...	8.740	70	175258	41.029	ng		99
20) 3+4-Methylphenols	8.693	107	227978	40.341	ng		98
22) Acetophenone	8.752	105	324321	38.273	ng	#	98
24) Nitrobenzene	9.128	77	266494	37.888	ng		98
25) Isophorone	9.657	82	478582	38.935	ng		98
26) 2-Nitrophenol	9.834	139	102019	40.103	ng		97
27) 2,4-Dimethylphenol	9.899	122	129072	38.883	ng		99
28) bis(2-Chloroethoxy)met...	10.146	93	254667	38.910	ng		98
29) 2,4-Dichlorophenol	10.369	162	184992	38.604	ng		100
30) 1,2,4-Trichlorobenzene	10.581	180	212544	37.709	ng		99
31) Naphthalene	10.769	128	594745	37.963	ng		99
32) Benzoic acid	10.046	122	143155	42.047	ng		97
33) 4-Chloroaniline	10.887	127	235112	39.069	ng		97
34) Hexachlorobutadiene	11.040	225	150926	37.190	ng		96
35) Caprolactam	11.675	113	59799	36.646	ng		99
36) 4-Chloro-3-methylphenol	12.010	107	231135	39.418	ng		96
37) 2-Methylnaphthalene	12.381	142	425739	39.241	ng		97
38) 1-Methylnaphthalene	12.598	142	421131	39.451	ng		97
40) 1,2,4,5-Tetrachloroben...	12.740	216	247778	37.795	ng		100
41) Hexachlorocyclopentadiene	12.710	237	107632	36.738	ng		96
43) 2,4,6-Trichlorophenol	12.987	196	162313	38.344	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	182869	38.844	ng	99
46) 1,1'-Biphenyl	13.393	154	559823	38.033	ng	98
47) 2-Chloronaphthalene	13.428	162	457473	38.461	ng	99
48) 2-Nitroaniline	13.640	65	161971	38.703	ng	95
49) Acenaphthylene	14.275	152	665498	38.146	ng	98
50) Dimethylphthalate	14.022	163	558707	37.373	ng	99
51) 2,6-Dinitrotoluene	14.145	165	126748	38.244	ng	96
52) Acenaphthene	14.616	154	410559	37.997	ng	100
53) 3-Nitroaniline	14.469	138	119486	37.338	ng	99
54) 2,4-Dinitrophenol	14.675	184	67710	38.986	ng	99
55) Dibenzofuran	14.951	168	661745	37.644	ng	99
56) 4-Nitrophenol	14.769	139	97850	36.221	ng	96
57) 2,4-Dinitrotoluene	14.928	165	171175	37.542	ng	97
58) Fluorene	15.604	166	538301	37.490	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	150331	37.501	ng	99
60) Diethylphthalate	15.387	149	568832	36.686	ng	98
61) 4-Chlorophenyl-phenyle...	15.604	204	292511	38.000	ng	99
62) 4-Nitroaniline	15.628	138	122166	35.147	ng	97
63) Azobenzene	15.898	77	585019	37.452	ng	99
65) 4,6-Dinitro-2-methylph...	15.687	198	92184	41.700	ng	98
66) n-Nitrosodiphenylamine	15.816	169	450566	40.594	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	175868	40.733	ng	97
68) Hexachlorobenzene	16.598	284	193287	39.722	ng	99
69) Atrazine	16.781	200	146186	36.803	ng	99
70) Pentachlorophenol	16.945	266	129679	39.319	ng	98
71) Phenanthrene	17.345	178	756450	38.111	ng	100
72) Anthracene	17.439	178	755870	37.837	ng	99
73) Carbazole	17.716	167	672893	35.476	ng	99
74) Di-n-butylphthalate	18.275	149	827111	35.304	ng	99
75) Fluoranthene	19.316	202	833383	32.809	ng	99
77) Benzidine	19.504	184	216150	35.993	ng	98
78) Pyrene	19.663	202	844331	41.094	ng	99
80) Butylbenzylphthalate	20.557	149	314418	38.097	ng	96
81) Benzo(a)anthracene	21.380	228	742611	38.044	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	260060	37.021	ng	99
83) Chrysene	21.433	228	695287	37.883	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	443016	36.923	ng	99
85) Di-n-octyl phthalate	22.274	149	749815	37.438	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	938780	40.431	ng	99
88) Benzo(b)fluoranthene	23.080	252	769978	37.487	ng	100
89) Benzo(k)fluoranthene	23.127	252	714554	36.565	ng	100
90) Benzo(a)pyrene	23.710	252	684253	37.908	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	767979	40.234	ng	98
92) Benzo(g,h,i)perylene	27.121	276	785308	40.521	ng	98

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

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