Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019464.D
Acq On : 29 Jan 2024 14:14
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 00:53:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:44:14 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	78635	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	329354	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	224108	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	457690	20.000	ng		0.00
76) Chrysene-d12	21.416	240	303495	20.000	ng		0.00
86) Perylene-d12	23.851	264	313545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	99679	20.170	ng		0.00
7) Phenol-d6	7.093	99	141773	19.651	ng		0.00
23) Nitrobenzene-d5	9.099	82	156814	19.592	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	54460	17.737	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	353282	20.297	ng		0.00
79) Terphenyl-d14	19.886	244	436153	20.475	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	18988	10.234	ng		99
3) Pyridine	3.799	79	52582	9.629	ng		98
4) n-Nitrosodimethylamine	3.728	42	29928	9.949	ng		95
6) Aniline	7.257	93	69843	9.634	ng		98
8) 2-Chlorophenol	7.493	128	52867	9.994	ng		98
9) Benzaldehyde	7.075	77	49874m	8.307	ng		
10) Phenol	7.122	94	70422	9.876	ng		100
11) bis(2-Chloroethyl)ether	7.363	93	55803	10.175	ng		99
12) 1,3-Dichlorobenzene	7.816	146	62646	10.087	ng		94
13) 1,4-Dichlorobenzene	7.969	146	63977	10.124	ng		98
14) 1,2-Dichlorobenzene	8.281	146	61129	10.032	ng		96
15) Benzyl Alcohol	8.175	79	62505	9.898	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	75542	10.156	ng		98
17) 2-Methylphenol	8.375	107	50101	10.165	ng		92
18) Hexachloroethane	9.004	117	24748	9.764	ng		96
19) n-Nitroso-di-n-propyla...	8.746	70	55850	10.255	ng	#	92
20) 3+4-Methylphenols	8.704	107	68414	9.977	ng		96
22) Acetophenone	8.757	105	98425	9.967	ng		98
24) Nitrobenzene	9.140	77	80875	9.926	ng		98
25) Isophorone	9.663	82	150919	10.023	ng		97
26) 2-Nitrophenol	9.851	139	26373	9.258	ng		97
27) 2,4-Dimethylphenol	9.910	122	38708	9.895	ng		98
28) bis(2-Chloroethoxy)met...	10.157	93	80237	10.058	ng		98
29) 2,4-Dichlorophenol	10.375	162	53943	9.581	ng		100
30) 1,2,4-Trichlorobenzene	10.593	180	65352	9.987	ng		98
31) Naphthalene	10.781	128	184110	10.019	ng		99
32) Benzoic acid	9.998	122	34861	8.798	ng		90
33) 4-Chloroaniline	10.898	127	71226	9.838	ng		97
34) Hexachlorobutadiene	11.057	225	47432	10.000	ng		94
35) Caprolactam	11.657	113	17674	8.838	ng		95
36) 4-Chloro-3-methylphenol	12.016	107	69313	9.689	ng		99
37) 2-Methylnaphthalene	12.392	142	131888	10.013	ng		98
38) 1-Methylnaphthalene	12.610	142	129311	9.925	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	77109	10.065	ng		98
41) Hexachlorocyclopentadiene	12.722	237	34264	9.912	ng		95
43) 2,4,6-Trichlorophenol	12.998	196	47264	9.604	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	54979	9.946	ng	97
46) 1,1'-Biphenyl	13.404	154	175565	10.142	ng	99
47) 2-Chloronaphthalene	13.439	162	142986	10.168	ng	98
48) 2-Nitroaniline	13.651	65	45032	9.197	ng	97
49) Acenaphthylene	14.287	152	208655	10.023	ng	100
50) Dimethylphthalate	14.034	163	178308	9.723	ng	99
51) 2,6-Dinitrotoluene	14.151	165	38091	9.545	ng	96
52) Acenaphthene	14.628	154	127926	9.918	ng	97
53) 3-Nitroaniline	14.475	138	34736	9.144	ng	96
54) 2,4-Dinitrophenol	14.681	184	15467	10.740	ng	90
55) Dibenzofuran	14.963	168	210596	9.960	ng	100
56) 4-Nitrophenol	14.775	139	26036	8.391	ng	97
57) 2,4-Dinitrotoluene	14.934	165	48061	8.810	ng	95
58) Fluorene	15.616	166	171275	9.790	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	44438	9.273	ng	99
60) Diethylphthalate	15.398	149	179438	9.363	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	93737	9.893	ng	96
62) 4-Nitroaniline	15.633	138	34043	8.377	ng	92
63) Azobenzene	15.910	77	187342	9.706	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	21793	8.117	ng	93
66) n-Nitrosodiphenylamine	15.828	169	142475	10.413	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	53958	10.274	ng	96
68) Hexachlorobenzene	16.610	284	61890	10.351	ng	100
69) Atrazine	16.792	200	50270	10.236	ng	98
70) Pentachlorophenol	16.963	266	34859	8.893	ng	96
71) Phenanthrene	17.363	178	245115	10.058	ng	99
72) Anthracene	17.457	178	242880	9.983	ng	99
73) Carbazole	17.727	167	217833	9.596	ng	99
74) Di-n-butylphthalate	18.292	149	255710	8.960	ng	100
75) Fluoranthene	19.327	202	267614	9.071	ng	99
77) Benzidine	19.516	184	48739	10.639	ng	97
78) Pyrene	19.680	202	270635	10.686	ng	100
80) Butylbenzylphthalate	20.580	149	90555	9.451	ng	99
81) Benzo(a)anthracene	21.398	228	218086	9.970	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	73455	9.988	ng	99
83) Chrysene	21.457	228	203015	9.950	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	127762	9.516	ng	100
85) Di-n-octyl phthalate	22.304	149	207627	9.792	ng	100
87) Indeno(1,2,3-cd)pyrene	26.398	276	234469	11.219	ng	99
88) Benzo(b)fluoranthene	23.104	252	199951	9.537	ng	99
89) Benzo(k)fluoranthene	23.157	252	188962	9.454	ng	100
90) Benzo(a)pyrene	23.745	252	176461	9.856	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	195093	11.277	ng	97
92) Benzo(g,h,i)perylene	27.168	276	200101	11.620	ng	98

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

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