Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044596.D
Acq On : 13 Mar 2024 14:20
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 01:49:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 01:48:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	213248	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	826873	20.000	ng		0.00
39) Acenaphthene-d10	14.345	164	481890	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	965372	20.000	ng		0.00
76) Chrysene-d12	21.298	240	889817	20.000	ng		0.00
86) Perylene-d12	23.544	264	1052672	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	142604	9.601	ng		0.00
7) Phenol-d6	6.875	99	179649	9.402	ng		0.00
23) Nitrobenzene-d5	8.863	82	160183	9.333	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	45693	8.597	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	349657	9.993	ng		0.00
79) Terphenyl-d14	19.745	244	491231	9.657	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	30586	4.899	ng		95
3) Pyridine	3.687	79	80075m	4.636	ng		
4) n-Nitrosodimethylamine	3.605	42	33008	4.771	ng	#	87
6) Aniline	7.040	93	106324	4.698	ng		99
8) 2-Chlorophenol	7.269	128	69442	4.694	ng		98
9) Benzaldehyde	6.863	77	54185	5.414	ng		97
10) Phenol	6.898	94	89618	4.696	ng		99
11) bis(2-Chloroethyl)ether	7.146	93	76983	4.941	ng		98
12) 1,3-Dichlorobenzene	7.593	146	79228	4.981	ng		98
13) 1,4-Dichlorobenzene	7.740	146	79904	4.984	ng		99
14) 1,2-Dichlorobenzene	8.045	146	75774	4.956	ng		99
15) Benzyl Alcohol	7.951	79	55063	4.383	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	107653	4.983	ng		100
17) 2-Methylphenol	8.140	107	59658	4.584	ng		95
18) Hexachloroethane	8.763	117	28478	4.805	ng		97
19) n-Nitroso-di-n-propyla...	8.510	70	53363	4.573	ng		99
20) 3+4-Methylphenols	8.469	107	77670	4.422	ng		96
22) Acetophenone	8.528	105	105506	4.857	ng	#	97
24) Nitrobenzene	8.904	77	79909	4.710	ng		97
25) Isophorone	9.428	82	130737	4.415	ng		99
26) 2-Nitrophenol	9.610	139	29612	4.045	ng		97
27) 2,4-Dimethylphenol	9.663	122	57280	4.449	ng		99
28) bis(2-Chloroethoxy)met...	9.916	93	93136	4.736	ng		99
29) 2,4-Dichlorophenol	10.134	162	53726	4.378	ng		96
30) 1,2,4-Trichlorobenzene	10.345	180	64379	4.932	ng		99
31) Naphthalene	10.534	128	223988	4.936	ng		100
33) 4-Chloroaniline	10.663	127	86276	4.532	ng		95
34) Hexachlorobutadiene	10.804	225	35435	4.868	ng		97
35) Caprolactam	11.439	113	15634	3.947	ng		87
36) 4-Chloro-3-methylphenol	11.781	107	58635	4.355	ng		93
37) 2-Methylnaphthalene	12.151	142	147897	4.802	ng		100
38) 1-Methylnaphthalene	12.375	142	140112	4.881	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	66102	4.834	ng		100
41) Hexachlorocyclopentadiene	12.492	237	33604	4.313	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	38206	4.138	ng		99
44) 2,4,5-Trichlorophenol	12.839	196	47918	4.380	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.180	154	182784	4.850	ng	99
47) 2-Chloronaphthalene	13.216	162	132631	4.759	ng	99
48) 2-Nitroaniline	13.439	65	37436	3.959	ng	98
49) Acenaphthylene	14.069	152	211113	4.650	ng	99
50) Dimethylphthalate	13.816	163	171724	4.764	ng	98
51) 2,6-Dinitrotoluene	13.939	165	32523	4.333	ng	96
52) Acenaphthene	14.410	154	131363	4.786	ng	99
53) 3-Nitroaniline	14.269	138	35073	3.990	ng	93
55) Dibenzofuran	14.751	168	213536	4.902	ng	98
57) 2,4-Dinitrotoluene	14.727	165	38670	3.943	ng	92
58) Fluorene	15.404	166	166813	4.918	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.974	232	39114	4.604	ng	98
60) Diethylphthalate	15.186	149	167494	4.590	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	80650	4.953	ng	96
62) 4-Nitroaniline	15.439	138	33086m	3.768	ng	
63) Azobenzene	15.698	77	165115	4.378	ng	98
66) n-Nitrosodiphenylamine	15.621	169	139071	4.622	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	46650	4.672	ng	97
68) Hexachlorobenzene	16.398	284	50497	4.757	ng	93
69) Atrazine	16.580	200	40991	4.360	ng	97
70) Pentachlorophenol	16.751	266	29340	3.843	ng	98
71) Phenanthrene	17.145	178	259910	4.872	ng	100
72) Anthracene	17.239	178	247474	4.625	ng	99
73) Carbazole	17.515	167	231591	4.596	ng	100
74) Di-n-butylphthalate	18.086	149	278821	4.294	ng	98
75) Fluoranthene	19.168	202	286891	4.811	ng	98
78) Pyrene	19.527	202	299594	4.594	ng	100
80) Butylbenzylphthalate	20.451	149	110368	3.755	ng	99
81) Benzo(a)anthracene	21.286	228	291288	4.705	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	90953	4.265	ng	99
83) Chrysene	21.333	228	288918	4.883	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	172994	3.907	ng	99
85) Di-n-octyl phthalate	22.121	149	292112	3.803	ng	99
87) Indeno(1,2,3-cd)pyrene	25.815	276	357651	4.700	ng	99
88) Benzo(b)fluoranthene	22.868	252	287266	4.644	ng	99
89) Benzo(k)fluoranthene	22.915	252	296990	4.670	ng	99
90) Benzo(a)pyrene	23.444	252	272635	4.518	ng	99
91) Dibenzo(a,h)anthracene	25.833	278	302048	4.708	ng	100
92) Benzo(g,h,i)perylene	26.503	276	302483	4.790	ng	96

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

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