Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033556.D
Acq On : 21 Dec 2021 15:28
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 16:31:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 16:25:49 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM122121

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	26421	20.000	ng		0.00
21) Naphthalene-d8	10.719	136	113356	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	81221	20.000	ng		0.00
64) Phenanthrene-d10	17.306	188	178931	20.000	ng	#	0.00
76) Chrysene-d12	21.483	240	155287	20.000	ng		0.00
86) Perylene-d12	23.882	264	144106	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.472	112	133201	86.776	ng		0.00
7) Phenol-d6	7.084	99	186827	86.936	ng		0.00
23) Nitrobenzene-d5	9.083	82	232105	85.047	ng		0.00
42) 2,4,6-Tribromophenol	16.048	330	83438	83.429	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	484568	84.114	ng		0.00
79) Terphenyl-d14	19.930	244	757148	81.101	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	24775	38.673	ng		97
3) Pyridine	3.772	79	69812	43.146	ng	#	86
4) n-Nitrosodimethylamine	3.678	42	50915	42.143	ng	#	81
6) Aniline	7.242	93	106801	43.540	ng		96
8) 2-Chlorophenol	7.472	128	72294	42.735	ng		98
9) Benzaldehyde	7.054	77	56274	45.148	ng		97
10) Phenol	7.107	94	93917	44.023	ng		86
11) bis(2-Chloroethyl)ether	7.342	93	71701	44.080	ng		97
12) 1,3-Dichlorobenzene	7.801	146	84554	42.369	ng		93
13) 1,4-Dichlorobenzene	7.948	146	86132	42.456	ng		98
14) 1,2-Dichlorobenzene	8.260	146	84878	42.527	ng		99
15) Benzyl Alcohol	8.160	79	87297	43.125	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.448	45	122164	42.491	ng		100
17) 2-Methylphenol	8.366	107	67077	43.244	ng		93
18) Hexachloroethane	8.989	117	35177	42.392	ng		98
19) n-Nitroso-di-n-propyla...	8.725	70	73516	43.917	ng		95
20) 3+4-Methylphenols	8.695	107	93554	43.992	ng		90
22) Acetophenone	8.742	105	133548	43.008	ng	#	92
24) Nitrobenzene	9.125	77	110269	42.275	ng		99
25) Isophorone	9.654	82	182965	42.537	ng		98
26) 2-Nitrophenol	9.836	139	43993	44.153	ng	#	86
27) 2,4-Dimethylphenol	9.901	122	64447	41.895	ng		96
28) bis(2-Chloroethoxy)met...	10.136	93	104598	43.396	ng		97
29) 2,4-Dichlorophenol	10.372	162	76915	42.895	ng		96
30) 1,2,4-Trichlorobenzene	10.583	180	88710	41.985	ng		98
31) Naphthalene	10.772	128	250122	41.107	ng		98
32) Benzoic acid	10.060	122	57014m	45.499	ng		
33) 4-Chloroaniline	10.895	127	101025	43.690	ng		97
34) Hexachlorobutadiene	11.048	225	59586	41.006	ng		98
35) Caprolactam	11.695	113	16515	44.011	ng		96
36) 4-Chloro-3-methylphenol	12.019	107	96947	42.006	ng		97
37) 2-Methylnaphthalene	12.383	142	179380	41.151	ng		95
38) 1-Methylnaphthalene	12.601	142	177453	40.736	ng		98
40) 1,2,4,5-Tetrachloroben...	12.748	216	99409	42.597	ng		99
41) Hexachlorocyclopentadiene	12.719	237	56983	43.932	ng		97
43) 2,4,6-Trichlorophenol	12.995	196	69088	42.065	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	75020	43.025	ng		99
46) 1,1'-Biphenyl	13.395	154	251273	42.160	ng		99
47) 2-Chloronaphthalene	13.436	162	194757	42.121	ng		98
48) 2-Nitroaniline	13.648	65	77361	43.798	ng		97
49) Acenaphthylene	14.283	152	313533	42.339	ng		98
50) Dimethylphthalate	14.024	163	258356	41.264	ng		98
51) 2,6-Dinitrotoluene	14.142	165	53466	42.778	ng	#	78
52) Acenaphthene	14.624	154	187337	42.110	ng		99
53) 3-Nitroaniline	14.477	138	54764	44.618	ng		99
54) 2,4-Dinitrophenol	14.683	184	34816	44.759	ng	#	78
55) Dibenzofuran	14.960	168	316955	41.606	ng		94
56) 4-Nitrophenol	14.789	139	43034	45.418	ng	#	80
57) 2,4-Dinitrotoluene	14.930	165	75935	43.527	ng		95
58) Fluorene	15.607	166	252727	41.154	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.183	232	69142	43.200	ng		97
60) Diethylphthalate	15.383	149	276758	40.968	ng		99
61) 4-Chlorophenyl-phenyle...	15.601	204	132542	40.944	ng		92
62) 4-Nitroaniline	15.642	138	56621	44.770	ng	#	72
63) Azobenzene	15.895	77	310826	41.694	ng		94
65) 4,6-Dinitro-2-methylph...	15.689	198	50960	42.674	ng		97
66) n-Nitrosodiphenylamine	15.818	169	221247	41.689	ng		98
67) 4-Bromophenyl-phenylether	16.495	248	79385	41.108	ng		91
68) Hexachlorobenzene	16.606	284	85559	41.071	ng		99
69) Atrazine	16.771	200	50172	42.090	ng		99
70) Pentachlorophenol	16.954	266	56057	44.074	ng		98
71) Phenanthrene	17.348	178	403802	40.905	ng		97
72) Anthracene	17.442	178	397489	40.937	ng		98
73) Carbazole	17.718	167	387346	41.579	ng		99
74) Di-n-butylphthalate	18.271	149	475079	41.206	ng	#	98
75) Fluoranthene	19.359	202	458172	40.577	ng		98
77) Benzidine	19.553	184	58039	33.875	ng		99
78) Pyrene	19.724	202	469438	40.697	ng		99
80) Butylbenzylphthalate	20.618	149	212975	42.329	ng		95
81) Benzo(a)anthracene	21.471	228	435482	41.163	ng		99
82) 3,3'-Dichlorobenzidine	21.406	252	194204	40.870	ng		98
83) Chrysene	21.524	228	412400	40.646	ng		99
84) Bis(2-ethylhexyl)phtha...	21.394	149	295299	42.548	ng		97
85) Di-n-octyl phthalate	22.318	149	482075	42.478	ng		99
87) Indeno(1,2,3-cd)pyrene	26.371	276	424672	41.609	ng	#	94
88) Benzo(b)fluoranthene	23.153	252	390232m	42.278	ng		
89) Benzo(k)fluoranthene	23.200	252	379573	41.262	ng	#	97
90) Benzo(a)pyrene	23.777	252	322912	41.555	ng		98
91) Dibenzo(a,h)anthracene	26.388	278	359015	41.667	ng	#	96
92) Benzo(g,h,i)perylene	27.129	276	359024	42.311	ng		97

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

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