Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036413.D
Acq On : 25 Aug 2022 19:17
Operator : CG/JU
Sample : N4260-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 03:42:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 15:21:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	318982	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1308367	20.000	ng		0.00
39) Acenaphthene-d10	14.427	164	699298	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1206836	20.000	ng		0.00
76) Chrysene-d12	21.356	240	812958	20.000	ng		0.00
86) Perylene-d12	23.674	264	760955	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2057900	104.595	ng		0.00
7) Phenol-d6	6.969	99	2575064	102.859	ng		0.00
23) Nitrobenzene-d5	8.957	82	1557681	66.644	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	730008	88.985	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	3154320	66.599	ng		0.00
79) Terphenyl-d14	19.798	244	3117430	75.637	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	317853	40.092	ng		97
3) Pyridine	3.646	79	855876	40.258	ng		93
4) n-Nitrosodimethylamine	3.563	42	451502	51.681	ng	#	74
6) Aniline	7.116	93	1072685	38.693	ng		97
8) 2-Chlorophenol	7.351	128	995846	47.472	ng		97
9) Benzaldehyde	6.928	77	507177	38.267	ng		98
10) Phenol	6.998	94	1229147	48.761	ng		93
11) bis(2-Chloroethyl)ether	7.222	93	955050	45.993	ng		96
12) 1,3-Dichlorobenzene	7.669	146	1067991	45.943	ng		98
13) 1,4-Dichlorobenzene	7.822	146	1093434	46.124	ng		99
14) 1,2-Dichlorobenzene	8.134	146	1042411	45.572	ng		100
15) Benzyl Alcohol	8.039	79	802307m	47.757	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1376155	49.839	ng		98
17) 2-Methylphenol	8.245	107	794765	47.630	ng		97
18) Hexachloroethane	8.857	117	413201	48.419	ng		95
19) n-Nitroso-di-n-propyla...	8.604	70	712495	46.854	ng		92
20) 3+4-Methylphenols	8.575	107	1058990	46.712	ng		98
22) Acetophenone	8.622	105	1450300	46.827	ng	#	94
24) Nitrobenzene	8.998	77	1071820	48.779	ng		99
25) Isophorone	9.528	82	1912188	50.289	ng		98
26) 2-Nitrophenol	9.704	139	505728	48.797	ng		97
27) 2,4-Dimethylphenol	9.775	122	859300	53.524	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	1210929	44.701	ng		100
29) 2,4-Dichlorophenol	10.239	162	835692	46.287	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	881989	43.108	ng		98
31) Naphthalene	10.633	128	2952046	45.382	ng		100
32) Benzoic acid	9.945	122	524904	41.245	ng		96
33) 4-Chloroaniline	10.763	127	335867	12.812	ng		96
34) Hexachlorobutadiene	10.910	225	528638	43.970	ng		98
35) Caprolactam	11.575	113	230375	41.426	ng		98
36) 4-Chloro-3-methylphenol	11.892	107	849774	44.779	ng		98
37) 2-Methylnaphthalene	12.251	142	1961826	45.322	ng		99
38) 1-Methylnaphthalene	12.469	142	1863855	43.969	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	898112	47.372	ng		98
41) Hexachlorocyclopentadiene	12.586	237	1101563	109.706	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	605125	46.907	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	638982	46.921	ng	98
46) 1,1'-Biphenyl	13.263	154	2463517	48.339	ng	99
47) 2-Chloronaphthalene	13.304	162	1849160	47.408	ng	98
48) 2-Nitroaniline	13.527	65	530059	49.866	ng	95
49) Acenaphthylene	14.151	152	2876128	47.702	ng	100
50) Dimethylphthalate	13.904	163	2101430	44.189	ng	98
51) 2,6-Dinitrotoluene	14.021	165	452633	47.439	ng	97
52) Acenaphthene	14.492	154	1982960m	50.277	ng	
53) 3-Nitroaniline	14.351	138	244642	21.976	ng	98
54) 2,4-Dinitrophenol	14.563	184	418318	82.850	ng	94
55) Dibenzofuran	14.827	168	2638636	44.675	ng	99
56) 4-Nitrophenol	14.674	139	758638	85.159	ng	91
57) 2,4-Dinitrotoluene	14.810	165	589746	47.156	ng	89
58) Fluorene	15.474	166	2108955	45.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	484828	42.028	ng	97
60) Diethylphthalate	15.257	149	2109338	43.162	ng	100
61) 4-Chlorophenyl-phenyle...	15.474	204	1012124	43.567	ng	98
62) 4-Nitroaniline	15.515	138	439577m	38.384	ng	
63) Azobenzene	15.763	77	2141079	46.086	ng	94
65) 4,6-Dinitro-2-methylph...	15.568	198	265476	43.022	ng	92
66) n-Nitrosodiphenylamine	15.692	169	1706209	50.081	ng	100
67) 4-Bromophenyl-phenylether	16.368	248	574174	47.564	ng	96
68) Hexachlorobenzene	16.474	284	655959	47.359	ng	95
69) Atrazine	16.651	200	543613	57.025	ng	99
70) Pentachlorophenol	16.827	266	736258	90.763	ng	99
71) Phenanthrene	17.215	178	2887511	46.964	ng	99
72) Anthracene	17.304	178	2912260	48.925	ng	99
73) Carbazole	17.586	167	2553331	42.335	ng	99
74) Di-n-butylphthalate	18.145	149	3331667	46.275	ng	100
75) Fluoranthene	19.233	202	2847009	41.367	ng	98
77) Benzidine	19.427	184	1111548	91.170	ng	99
78) Pyrene	19.592	202	2842340	56.383	ng	99
80) Butylbenzylphthalate	20.497	149	1202410	55.264	ng	98
81) Benzo(a)anthracene	21.339	228	2308385	46.100	ng	99
82) 3,3'-Dichlorobenzidine	21.280	252	667009	54.859	ng	100
83) Chrysene	21.392	228	2154187	45.257	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	1757654	53.546	ng	99
85) Di-n-octyl phthalate	22.168	149	2551077	47.621	ng	97
87) Indeno(1,2,3-cd)pyrene	26.091	276	2737633	51.194	ng	97
88) Benzo(b)fluoranthene	22.974	252	2103477	47.180	ng	99
89) Benzo(k)fluoranthene	23.015	252	2110613m	46.871	ng	
90) Benzo(a)pyrene	23.574	252	1884663	50.383	ng	98
91) Dibenzo(a,h)anthracene	26.097	278	2399691	53.610	ng	98
92) Benzo(g,h,i)perylene	26.826	276	2437392	56.247	ng	98

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

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