Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110321\
Data File : BM032864.D
Acq On : 03 Nov 2021 17:09
Operator : CG/JU
Sample : PB140340BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140340BS

Quant Time: Nov 03 17:44:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.490	152	148462	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	679914	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	472770	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	956033	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	874935	20.000	ng		0.00
86) Perylene-d12	23.189	264	923822	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	1113422	130.749	ng		0.00
7) Phenol-d6	6.701	99	1506822	118.820	ng		0.00
23) Nitrobenzene-d5	8.648	82	938573	75.555	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	566572	107.007	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	2199578	72.160	ng		0.00
79) Terphenyl-d14	19.518	244	3029268	75.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.908	88	101937	30.043	ng		89
3) Pyridine	3.319	79	249472	25.005	ng		89
4) n-Nitrosodimethylamine	3.231	42	163666	38.656	ng	#	67
6) Aniline	6.819	93	565856	39.963	ng		93
8) 2-Chlorophenol	7.066	128	452066	45.561	ng		95
9) Benzaldehyde	6.625	77	241236	33.705	ng		86
10) Phenol	6.725	94	569319	46.774	ng		85
11) bis(2-Chloroethyl)ether	6.919	93	402889	41.923	ng		94
12) 1,3-Dichlorobenzene	7.378	146	431245	39.336	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	447306	39.827	ng		97
14) 1,2-Dichlorobenzene	7.843	146	442405	40.029	ng		97
15) Benzyl Alcohol	7.743	79	419141	46.433	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.025	45	576658	41.745	ng		98
17) 2-Methylphenol	7.960	107	400859	46.882	ng	#	91
18) Hexachloroethane	8.566	117	164561	41.437	ng		91
19) n-Nitroso-di-n-propyla...	8.301	70	327054	42.122	ng		87
20) 3+4-Methylphenols	8.290	107	529828	45.274	ng		97
22) Acetophenone	8.313	105	654608	39.415	ng	#	90
24) Nitrobenzene	8.690	77	496909	41.749	ng	#	89
25) Isophorone	9.207	82	911719	41.534	ng		97
26) 2-Nitrophenol	9.395	139	248768	44.771	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	451911	49.428	ng		97
28) bis(2-Chloroethoxy)met...	9.695	93	581115	39.622	ng		99
29) 2,4-Dichlorophenol	9.937	162	469795	44.805	ng		96
30) 1,2,4-Trichlorobenzene	10.142	180	451523	38.746	ng		99
31) Naphthalene	10.325	128	1399045	39.642	ng		99
32) Benzoic acid	9.678	122	326864	44.209	ng	#	85
33) 4-Chloroaniline	10.436	127	449737	30.518	ng		95
34) Hexachlorobutadiene	10.625	225	268388	37.886	ng		98
35) Caprolactam	11.219	113	154574	43.963	ng		88
36) 4-Chloro-3-methylphenol	11.595	107	521826	43.505	ng		97
37) 2-Methylnaphthalene	11.942	142	1043092	42.053	ng		95
38) 1-Methylnaphthalene	12.166	142	972076	39.624	ng		98
40) 1,2,4,5-Tetrachloroben...	12.330	216	501991	38.408	ng		97
41) Hexachlorocyclopentadiene	12.319	237	656762	95.684	ng		98
43) 2,4,6-Trichlorophenol	12.578	196	386050	42.209	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	421226	41.674	ng	#	92
46) 1,1'-Biphenyl	12.977	154	1308623	38.303	ng		99
47) 2-Chloronaphthalene	13.013	162	1042805	39.757	ng		99
48) 2-Nitroaniline	13.230	65	341858	44.358	ng	#	82
49) Acenaphthylene	13.872	152	1703363	40.476	ng		99
50) Dimethylphthalate	13.619	163	1353852	39.357	ng		100
51) 2,6-Dinitrotoluene	13.730	165	303912	43.225	ng	#	65
52) Acenaphthene	14.219	154	990509	39.513	ng		98
53) 3-Nitroaniline	14.060	138	263242	34.402	ng		88
54) 2,4-Dinitrophenol	14.272	184	371709	77.356	ng	#	66
55) Dibenzofuran	14.554	168	1601397	38.053	ng		95
56) 4-Nitrophenol	14.407	139	545898	87.553	ng	#	69
57) 2,4-Dinitrotoluene	14.524	165	422153	44.324	ng	#	61
58) Fluorene	15.201	166	1218275	38.614	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.789	232	361713	39.919	ng	#	84
60) Diethylphthalate	14.989	149	1384580	40.153	ng		97
61) 4-Chlorophenyl-phenyle...	15.195	204	606474	36.358	ng		97
62) 4-Nitroaniline	15.236	138	333246	41.431	ng	#	71
63) Azobenzene	15.489	77	1307714	39.637	ng		87
65) 4,6-Dinitro-2-methylph...	15.295	198	234832	38.966	ng	#	76
66) n-Nitrosodiphenylamine	15.419	169	1148379	40.975	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	394229	40.125	ng		93
68) Hexachlorobenzene	16.218	284	434911	40.387	ng	#	88
69) Atrazine	16.371	200	421695	44.817	ng		96
70) Pentachlorophenol	16.560	266	564494	83.769	ng		97
71) Phenanthrene	16.930	178	2029447	40.034	ng		100
72) Anthracene	17.024	178	2069670	41.365	ng		100
73) Carbazole	17.295	167	1908670	38.280	ng		98
74) Di-n-butylphthalate	17.854	149	2336798	42.737	ng	#	98
75) Fluoranthene	18.948	202	2320159	39.893	ng		97
77) Benzidine	19.136	184	1249221	52.099	ng		98
78) Pyrene	19.312	202	2377170	40.554	ng		99
80) Butylbenzylphthalate	20.212	149	1039925	44.139	ng		94
81) Benzo(a)anthracene	21.059	228	2187427	39.187	ng		99
82) 3,3'-Dichlorobenzidine	20.995	252	634636	36.214	ng		99
83) Chrysene	21.112	228	2157322	39.339	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	1420845	45.210	ng		95
85) Di-n-octyl phthalate	21.830	149	2668763	47.615	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.277	276	2510386	43.967	ng		96
88) Benzo(b)fluoranthene	22.565	252	2322211	41.286	ng		99
89) Benzo(k)fluoranthene	22.606	252	2307461	42.085	ng		99
90) Benzo(a)pyrene	23.100	252	2290600	49.288	ng		99
91) Dibenzo(a,h)anthracene	25.277	278	2124199	44.677	ng	#	96
92) Benzo(g,h,i)perylene	25.912	276	2214193	46.821	ng	#	95

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

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