Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044811.D
Acq On : 29 Mar 2024 11:17
Operator : MA/JU
Sample : PB159812BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB159812BS

Quant Time: Mar 29 12:36:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:24:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	91100	20.000	ng		0.00
21) Naphthalene-d8	10.451	136	344166	20.000	ng		0.00
39) Acenaphthene-d10	14.315	164	163414	20.000	ng		0.00
64) Phenanthrene-d10	17.074	188	279310	20.000	ng		0.00
76) Chrysene-d12	21.274	240	212382	20.000	ng		0.00
86) Perylene-d12	23.503	264	258213	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	865379	136.047	ng		0.00
7) Phenol-d6	6.851	99	1042794	126.387	ng		0.00
23) Nitrobenzene-d5	8.833	82	655968	85.921	ng		0.00
42) 2,4,6-Tribromophenol	15.815	330	244293	136.804	ng		0.00
45) 2-Fluorobiphenyl	12.933	172	1156591	90.649	ng		0.00
79) Terphenyl-d14	19.715	244	1117866	89.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	95175	37.862	ng		99
3) Pyridine	3.651	79	219570	31.083	ng		99
4) n-Nitrosodimethylamine	3.575	42	160188	43.220	ng		99
6) Aniline	7.016	93	226473	23.568	ng		97
8) 2-Chlorophenol	7.239	128	294148	45.654	ng		97
10) Phenol	6.881	94	371875	45.650	ng		97
11) bis(2-Chloroethyl)ether	7.116	93	287341	44.808	ng		96
12) 1,3-Dichlorobenzene	7.557	146	306893	45.593	ng		98
13) 1,4-Dichlorobenzene	7.704	146	316426	46.264	ng		99
14) 1,2-Dichlorobenzene	8.016	146	297777	45.162	ng		97
15) Benzyl Alcohol	7.922	79	246897	43.697	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	430912	44.492	ng		99
17) 2-Methylphenol	8.116	107	234067	40.702	ng		98
18) Hexachloroethane	8.728	117	125516	47.070	ng		97
19) n-Nitroso-di-n-propyla...	8.481	70	210221	42.105	ng		97
20) 3+4-Methylphenols	8.439	107	307241	39.536	ng		98
22) Acetophenone	8.498	105	427313	45.779	ng		98
24) Nitrobenzene	8.875	77	327223	43.875	ng		99
25) Isophorone	9.398	82	556509	45.205	ng		99
26) 2-Nitrophenol	9.575	139	146775	44.648	ng		97
27) 2,4-Dimethylphenol	9.633	122	209192	38.759	ng		100
28) bis(2-Chloroethoxy)met...	9.880	93	339981	43.929	ng		98
29) 2,4-Dichlorophenol	10.104	162	232721	44.429	ng		99
30) 1,2,4-Trichlorobenzene	10.310	180	254219	46.120	ng		99
31) Naphthalene	10.498	128	825855	43.684	ng		99
32) Benzoic acid	9.775	122	178312	44.011	ng		98
33) 4-Chloroaniline	10.627	127	128332	16.470	ng		98
34) Hexachlorobutadiene	10.763	225	150245	45.908	ng		100
35) Caprolactam	11.422	113	66386	43.501	ng		97
36) 4-Chloro-3-methylphenol	11.751	107	227604	41.787	ng		98
37) 2-Methylnaphthalene	12.116	142	505659	40.761	ng		99
38) 1-Methylnaphthalene	12.339	142	486667	42.089	ng		100
40) 1,2,4,5-Tetrachloroben...	12.486	216	253585	49.616	ng		98
41) Hexachlorocyclopentadiene	12.451	237	307657	112.163	ng		98
43) 2,4,6-Trichlorophenol	12.739	196	156357	45.711	ng		100
44) 2,4,5-Trichlorophenol	12.810	196	166100	42.165	ng	#	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.145	154	633350	47.891	ng		99
47) 2-Chloronaphthalene	13.186	162	474994	47.750	ng		98
48) 2-Nitroaniline	13.410	65	153912	44.669	ng		97
49) Acenaphthylene	14.039	152	754543	47.858	ng		100
50) Dimethylphthalate	13.792	163	516127	44.917	ng		98
51) 2,6-Dinitrotoluene	13.916	165	111126	44.625	ng		99
52) Acenaphthene	14.380	154	425312	45.599	ng		100
53) 3-Nitroaniline	14.245	138	79359	27.976	ng		96
54) 2,4-Dinitrophenol	14.457	184	136595	88.434	ng		97
55) Dibenzofuran	14.721	168	659252	45.049	ng		100
56) 4-Nitrophenol	14.557	139	212880	97.513	ng		100
57) 2,4-Dinitrotoluene	14.704	165	144535	46.260	ng		96
58) Fluorene	15.374	166	508021	45.175	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	129438	46.050	ng		99
60) Diethylphthalate	15.162	149	493241	45.721	ng		99
61) 4-Chlorophenyl-phenyle...	15.374	204	237493	44.506	ng		99
62) 4-Nitroaniline	15.410	138	112575	41.325	ng		98
63) Azobenzene	15.668	77	548281	45.606	ng		98
65) 4,6-Dinitro-2-methylph...	15.468	198	75578	43.480	ng		95
66) n-Nitrosodiphenylamine	15.592	169	410452	44.329	ng		98
67) 4-Bromophenyl-phenylether	16.268	248	136324	44.585	ng		98
68) Hexachlorobenzene	16.368	284	160343	48.447	ng		99
69) Atrazine	16.557	200	119465	47.208	ng		97
70) Pentachlorophenol	16.721	266	203685	92.982	ng		98
71) Phenanthrene	17.115	178	702474	45.081	ng		99
72) Anthracene	17.209	178	700813	44.526	ng		99
73) Carbazole	17.486	167	643972	45.820	ng		99
74) Di-n-butylphthalate	18.056	149	723358	46.865	ng		99
75) Fluoranthene	19.139	202	710725	45.693	ng		99
77) Benzidine	19.345	184	147591	32.230	ng		100
78) Pyrene	19.503	202	746745	44.124	ng		100
80) Butylbenzylphthalate	20.421	149	280276	45.536	ng		97
81) Benzo(a)anthracene	21.256	228	674144	45.537	ng		99
82) 3,3'-Dichlorobenzidine	21.197	252	204057	39.750	ng		96
83) Chrysene	21.309	228	630504	44.437	ng		99
84) Bis(2-ethylhexyl)phtha...	21.203	149	395028	47.085	ng	#	99
85) Di-n-octyl phthalate	22.086	149	651715	45.905	ng		99
87) Indeno(1,2,3-cd)pyrene	25.762	276	1004269	51.201	ng		100
88) Benzo(b)fluoranthene	22.838	252	718310	49.092	ng		99
89) Benzo(k)fluoranthene	22.880	252	687537	46.794	ng		99
90) Benzo(a)pyrene	23.409	252	661335	44.537	ng		100
91) Dibenzo(a,h)anthracene	25.779	278	839450	51.676	ng		99
92) Benzo(g,h,i)perylene	26.450	276	851994	50.409	ng		100

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

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