Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
Data File : BM044739.D
Acq On : 22 Mar 2024 17:50
Operator : MA/JU
Sample : PB159682BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB159682BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 18:22:15 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 02:28:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	187517	20.000	ng		-0.02
21) Naphthalene-d8	10.463	136	708573	20.000	ng		-0.02
39) Acenaphthene-d10	14.327	164	376713	20.000	ng		-0.02
64) Phenanthrene-d10	17.086	188	684205	20.000	ng		-0.02
76) Chrysene-d12	21.286	240	588703	20.000	ng		-0.02
86) Perylene-d12	23.527	264	664511	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1753701	134.277	ng		0.00
7) Phenol-d6	6.875	99	2115114	125.884	ng		0.00
23) Nitrobenzene-d5	8.851	82	1301788	88.508	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	578604	139.255	ng		-0.01
45) 2-Fluorobiphenyl	12.945	172	2449315	89.544	ng		-0.02
79) Terphenyl-d14	19.727	244	3108148	92.360	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	206509	37.619	ng		94
3) Pyridine	3.681	79	527509	34.748	ng		95
4) n-Nitrosodimethylamine	3.610	42	283614	46.618	ng		87
6) Aniline	7.034	93	436745	21.947	ng		99
8) 2-Chlorophenol	7.257	128	611438	47.003	ng		99
9) Benzaldehyde	6.851	77	166466m	18.917	ng		
10) Phenol	6.898	94	761910	45.405	ng		97
11) bis(2-Chloroethyl)ether	7.134	93	600636	43.839	ng		98
12) 1,3-Dichlorobenzene	7.575	146	663184	47.413	ng		99
13) 1,4-Dichlorobenzene	7.722	146	674564	47.850	ng		99
14) 1,2-Dichlorobenzene	8.034	146	643120	47.837	ng		100
15) Benzyl Alcohol	7.940	79	501576	45.406	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	885638m	46.624	ng		
17) 2-Methylphenol	8.134	107	483162	42.219	ng		98
18) Hexachloroethane	8.745	117	261590	50.193	ng		99
19) n-Nitroso-di-n-propyla...	8.498	70	395074	38.502	ng		96
20) 3+4-Methylphenols	8.463	107	654335	42.369	ng		99
22) Acetophenone	8.516	105	867486	46.600	ng	#	98
24) Nitrobenzene	8.892	77	653460	44.945	ng		99
25) Isophorone	9.410	82	1158500	45.652	ng		100
26) 2-Nitrophenol	9.592	139	310626	49.512	ng		99
27) 2,4-Dimethylphenol	9.651	122	402539	36.485	ng		98
28) bis(2-Chloroethoxy)met...	9.898	93	738890	43.846	ng		99
29) 2,4-Dichlorophenol	10.116	162	501917	47.732	ng		99
30) 1,2,4-Trichlorobenzene	10.328	180	537066	48.010	ng		100
31) Naphthalene	10.516	128	1756808	45.177	ng		100
32) Benzoic acid	9.804	122	324548	37.699	ng		99
33) 4-Chloroaniline	10.639	127	328762	20.152	ng		99
34) Hexachlorobutadiene	10.781	225	303607	48.677	ng		99
35) Caprolactam	11.445	113	148791m	43.866	ng		
36) 4-Chloro-3-methylphenol	11.763	107	512913	44.452	ng		100
37) 2-Methylnaphthalene	12.133	142	1127763	42.728	ng		98
38) 1-Methylnaphthalene	12.351	142	1038413	42.214	ng		98
40) 1,2,4,5-Tetrachloroben...	12.498	216	521148	48.750	ng		99
41) Hexachlorocyclopentadiene	12.469	237	671952	110.335	ng		99
43) 2,4,6-Trichlorophenol	12.751	196	354188	49.067	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	375644	43.918	ng	98
46) 1,1'-Biphenyl	13.157	154	1376719	46.727	ng	99
47) 2-Chloronaphthalene	13.198	162	1045269	47.976	ng	98
48) 2-Nitroaniline	13.422	65	342213	46.292	ng	99
49) Acenaphthylene	14.051	152	1714055	48.294	ng	100
50) Dimethylphthalate	13.804	163	1244141	44.154	ng	100
51) 2,6-Dinitrotoluene	13.927	165	266023	45.337	ng	99
52) Acenaphthene	14.398	154	954577	44.492	ng	99
53) 3-Nitroaniline	14.257	138	190271	27.692	ng	97
54) 2,4-Dinitrophenol	14.469	184	315985	82.179	ng	96
55) Dibenzofuran	14.733	168	1512518	44.419	ng	99
56) 4-Nitrophenol	14.569	139	509872	90.356	ng	94
57) 2,4-Dinitrotoluene	14.716	165	362738	47.312	ng	93
58) Fluorene	15.386	166	1188513	44.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	304490	45.852	ng	99
60) Diethylphthalate	15.174	149	1258044	44.105	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	567055	44.545	ng	100
62) 4-Nitroaniline	15.427	138	296569m	43.210	ng	
63) Azobenzene	15.680	77	1339832	45.441	ng	99
65) 4,6-Dinitro-2-methylph...	15.480	198	203963	47.534	ng	97
66) n-Nitrosodiphenylamine	15.604	169	1014195	47.562	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	332938	47.044	ng	95
68) Hexachlorobenzene	16.380	284	384407	51.098	ng	99
69) Atrazine	16.568	200	329416	49.437	ng	100
70) Pentachlorophenol	16.733	266	528460	97.657	ng	99
71) Phenanthrene	17.127	178	1762177	46.605	ng	99
72) Anthracene	17.221	178	1785817	47.092	ng	100
73) Carbazole	17.498	167	1690340	47.327	ng	99
74) Di-n-butylphthalate	18.068	149	2133469	46.358	ng	99
75) Fluoranthene	19.151	202	1907165	45.122	ng	98
77) Benzidine	19.351	184	762026	50.083	ng	99
78) Pyrene	19.515	202	2025469	46.943	ng	99
80) Butylbenzylphthalate	20.433	149	938051	48.240	ng	97
81) Benzo(a)anthracene	21.268	228	1942518	47.422	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	535121	37.931	ng	99
83) Chrysene	21.321	228	1818336	46.455	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1389509	47.431	ng	99
85) Di-n-octyl phthalate	22.103	149	2403701	47.302	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2318890	48.272	ng	98
88) Benzo(b)fluoranthene	22.856	252	1996771	51.132	ng	99
89) Benzo(k)fluoranthene	22.903	252	1865155	46.459	ng	99
90) Benzo(a)pyrene	23.427	252	1818432	47.741	ng	100
91) Dibenzo(a,h)anthracene	25.809	278	1914520	47.274	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1811126	45.430	ng	98

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

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