Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046351.D
Acq On : 28 Jun 2024 14:05
Operator : MA/JU
Sample : P3076-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 14:54:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 03:23:08 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	136658	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	584856	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	353848	20.000	ng	0.00
64) Phenanthrene-d10	16.768	188	715482	20.000	ng	0.00
76) Chrysene-d12	20.997	240	584643	20.000	ng	0.00
86) Perylene-d12	23.662	264	560170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	797767	93.836	ng	0.00
7) Phenol-d6	6.628	99	1054317	87.296	ng	0.00
23) Nitrobenzene-d5	8.528	82	730205	51.758	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	380530	88.429	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	1215526	46.559	ng	0.00
79) Terphenyl-d14	19.421	244	1813197	51.312	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	125042	38.147	ng	97
3) Pyridine	3.410	79	368499	40.231	ng	96
4) n-Nitrosodimethylamine	3.334	42	319893	45.090	ng	97
6) Aniline	6.740	93	376767	34.351	ng	100
8) 2-Chlorophenol	6.963	128	472057	49.837	ng	99
9) Benzaldehyde	6.545	77	84207	9.494	ng	95
10) Phenol	6.657	94	602220	50.388	ng	97
11) bis(2-Chloroethyl)ether	6.828	93	461856	47.587	ng	98
12) 1,3-Dichlorobenzene	7.257	146	477536	45.474	ng	97
13) 1,4-Dichlorobenzene	7.404	146	489924	45.339	ng	98
14) 1,2-Dichlorobenzene	7.716	146	471187	44.226	ng	99
15) Benzyl Alcohol	7.651	79	457792	46.108	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.898	45	762921	46.189	ng	99
17) 2-Methylphenol	7.869	107	400461	48.049	ng	99
18) Hexachloroethane	8.422	117	216609	44.498	ng	98
19) n-Nitroso-di-n-propyla...	8.192	70	412917	45.034	ng	96
20) 3+4-Methylphenols	8.198	107	567070	46.917	ng	91
22) Acetophenone	8.204	105	700228	42.863	ng	100
24) Nitrobenzene	8.569	77	610268	44.035	ng	99
25) Isophorone	9.098	82	1081689	45.215	ng	100
26) 2-Nitrophenol	9.269	139	255827	51.576	ng	94
27) 2,4-Dimethylphenol	9.375	122	336524	54.115	ng	99
28) bis(2-Chloroethoxy)met...	9.575	93	623377	47.164	ng	98
29) 2,4-Dichlorophenol	9.816	162	433251	51.589	ng	97
30) 1,2,4-Trichlorobenzene	9.986	180	438237	46.084	ng	100
31) Naphthalene	10.175	128	1463534	45.661	ng	99
32) Benzoic acid	9.622	122	303497	40.878	ng	95
33) 4-Chloroaniline	10.345	127	235736	20.996	ng	99
34) Hexachlorobutadiene	10.457	225	260591	44.449	ng	100
35) Caprolactam	11.169	113	131082m	42.612	ng	
36) 4-Chloro-3-methylphenol	11.492	107	500768	47.924	ng	99
37) 2-Methylnaphthalene	11.792	142	977588	45.225	ng	99
38) 1-Methylnaphthalene	12.022	142	904134	42.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.175	216	433252	45.896	ng	98
41) Hexachlorocyclopentadiene	12.151	237	404382	109.314	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	330255	52.673	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.539	196	362372	50.157	ng	98
46) 1,1'-Biphenyl	12.839	154	1173012	44.280	ng	99
47) 2-Chloronaphthalene	12.874	162	966403	46.997	ng	99
48) 2-Nitroaniline	13.133	65	406901	49.843	ng	98
49) Acenaphthylene	13.733	152	1662497	52.442	ng	99
50) Dimethylphthalate	13.516	163	1231062	47.592	ng	98
51) 2,6-Dinitrotoluene	13.627	165	263778	45.792	ng	98
52) Acenaphthene	14.080	154	925309	46.958	ng	99
53) 3-Nitroaniline	13.974	138	202025	34.712	ng	96
54) 2,4-Dinitrophenol	14.180	184	267987	78.817	ng	91
55) Dibenzofuran	14.421	168	1521581	48.190	ng	99
56) 4-Nitrophenol	14.345	139	467635	96.208	ng	99
57) 2,4-Dinitrotoluene	14.427	165	392682	47.106	ng	98
58) Fluorene	15.074	166	1298253	48.069	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	309552	50.835	ng	99
60) Diethylphthalate	14.886	149	1357018	47.690	ng	100
61) 4-Chlorophenyl-phenyle...	15.074	204	602920	47.959	ng	99
62) 4-Nitroaniline	15.163	138	269360	47.161	ng	99
63) Azobenzene	15.374	77	1634902	48.214	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	183527	40.927	ng	88
66) n-Nitrosodiphenylamine	15.310	169	1022702	49.211	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	347362	47.547	ng	98
68) Hexachlorobenzene	16.080	284	397662	46.104	ng	99
69) Atrazine	16.286	200	327075	56.937	ng	99
70) Pentachlorophenol	16.445	266	550754	101.518	ng	99
71) Phenanthrene	16.815	178	1919073	50.404	ng	100
72) Anthracene	16.904	178	1895753	51.189	ng	99
73) Carbazole	17.198	167	1768768	48.505	ng	100
74) Di-n-butylphthalate	17.762	149	2499328	51.013	ng	100
75) Fluoranthene	18.839	202	2239815	49.785	ng	99
77) Benzidine	19.062	184	833978	137.482	ng	100
78) Pyrene	19.203	202	2280736	56.162	ng	99
80) Butylbenzylphthalate	20.133	149	1169239	61.193	ng	100
81) Benzo(a)anthracene	20.980	228	1947215	50.772	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	525675	42.732	ng	99
83) Chrysene	21.033	228	1800488	49.088	ng	100
84) Bis(2-ethylhexyl)phtha...	20.921	149	1828788	55.620	ng	99
85) Di-n-octyl phthalate	21.933	149	2707202	56.044	ng	99
87) Indeno(1,2,3-cd)pyrene	26.621	276	1840583	51.230	ng	100
88) Benzo(b)fluoranthene	22.833	252	1639648	49.418	ng	99
89) Benzo(k)fluoranthene	22.886	252	1666369	50.488	ng	100
90) Benzo(a)pyrene	23.538	252	1505884	51.674	ng	98
91) Dibenzo(a,h)anthracene	26.650	278	1491379	49.714	ng	99
92) Benzo(g,h,i)perylene	27.532	276	1415041	47.622	ng	98

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

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