Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044758.D
Acq On : 25 Mar 2024 16:35
Operator : MA/JU
Sample : P1842-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-03222024-BMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Quant Time: Mar 25 17:02:13 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	7.693	152	211049	20.000	ng		-0.01
21) Naphthalene-d8	10.475	136	770948	20.000	ng		-0.01
39) Acenaphthene-d10	14.339	164	365518	20.000	ng		-0.01
64) Phenanthrene-d10	17.092	188	627828	20.000	ng		-0.01
76) Chrysene-d12	21.298	240	587592	20.000	ng		0.00
86) Perylene-d12	23.539	264	722599	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1308338	89.007	ng		0.00
7) Phenol-d6	6.881	99	1561243	82.559	ng		0.00
23) Nitrobenzene-d5	8.857	82	975181	60.938	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	364190	90.335	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1698488	63.996	ng		-0.01
79) Terphenyl-d14	19.733	244	1875429	55.834	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	189239	30.629	ng		93
3) Pyridine	3.675	79	500566	29.297	ng		92
4) n-Nitrosodimethylamine	3.593	42	305603	44.631	ng		81
6) Aniline	7.040	93	372442	16.629	ng		98
8) 2-Chlorophenol	7.263	128	607708	41.507	ng		99
9) Benzaldehyde	6.857	77	104881m	10.589	ng		
10) Phenol	6.904	94	738722	39.114	ng		93
11) bis(2-Chloroethyl)ether	7.140	93	575825	37.342	ng		100
12) 1,3-Dichlorobenzene	7.581	146	651246	41.368	ng		99
13) 1,4-Dichlorobenzene	7.728	146	665172	41.923	ng		99
14) 1,2-Dichlorobenzene	8.040	146	628939	41.566	ng		99
15) Benzyl Alcohol	7.946	79	506988	40.779	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.216	45	889852m	41.622	ng		
17) 2-Methylphenol	8.145	107	468851	36.401	ng		97
18) Hexachloroethane	8.751	117	247143	42.134	ng		99
19) n-Nitroso-di-n-propyla...	8.510	70	423947	36.709	ng		93
20) 3+4-Methylphenols	8.469	107	628433	36.154	ng		96
22) Acetophenone	8.522	105	856845	42.305	ng		96
24) Nitrobenzene	8.898	77	633193	40.028	ng		99
25) Isophorone	9.422	82	1120787	40.592	ng		97
26) 2-Nitrophenol	9.598	139	294215	43.102	ng	#	94
27) 2,4-Dimethylphenol	9.663	122	387626	32.291	ng		97
28) bis(2-Chloroethoxy)met...	9.904	93	707731	38.599	ng		99
29) 2,4-Dichlorophenol	10.128	162	475204	41.535	ng		98
30) 1,2,4-Trichlorobenzene	10.339	180	529516	43.506	ng		100
31) Naphthalene	10.522	128	1702276	40.233	ng		99
32) Benzoic acid	9.822	122	335800	36.028	ng		95
33) 4-Chloroaniline	10.651	127	146177	8.235	ng		98
34) Hexachlorobutadiene	10.792	225	314937	46.408	ng		99
35) Caprolactam	11.463	113	131130	35.532	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	455931	36.316	ng		99
37) 2-Methylnaphthalene	12.145	142	1041287	36.260	ng		98
38) 1-Methylnaphthalene	12.363	142	956358	35.733	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	492097	47.442	ng		99
41) Hexachlorocyclopentadiene	12.475	237	276682	46.823	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	315078	44.986	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	323701	39.005	ng		98
46) 1,1'-Biphenyl	13.169	154	1252304	43.806	ng		99
47) 2-Chloronaphthalene	13.210	162	945603	44.731	ng		99
48) 2-Nitroaniline	13.428	65	298069	41.555	ng		99
49) Acenaphthylene	14.063	152	1637948	47.563	ng		100
50) Dimethylphthalate	13.816	163	1095153	40.057	ng		99
51) 2,6-Dinitrotoluene	13.939	165	226072	39.708	ng		99
52) Acenaphthene	14.404	154	834497	40.086	ng		99
53) 3-Nitroaniline	14.263	138	158749	23.812	ng		98
54) 2,4-Dinitrophenol	14.474	184	52441	17.794	ng	#	90
55) Dibenzofuran	14.745	168	1284507	38.878	ng		99
56) 4-Nitrophenol	14.580	139	405234	74.012	ng		93
57) 2,4-Dinitrotoluene	14.727	165	290617	39.066	ng		96
58) Fluorene	15.392	166	997107	38.754	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	256997	39.885	ng		99
60) Diethylphthalate	15.180	149	1066193	38.524	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	475422	38.490	ng		100
62) 4-Nitroaniline	15.433	138	223461	33.555	ng		92
63) Azobenzene	15.686	77	1062845	37.151	ng		96
65) 4,6-Dinitro-2-methylph...	15.486	198	41766	10.608	ng		100
66) n-Nitrosodiphenylamine	15.616	169	815086	41.657	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	278244	42.847	ng		98
68) Hexachlorobenzene	16.392	284	316540	45.855	ng		97
69) Atrazine	16.580	200	260613	42.624	ng		98
70) Pentachlorophenol	16.745	266	476681	95.999	ng		99
71) Phenanthrene	17.139	178	1795324	51.746	ng		100
72) Anthracene	17.227	178	1637013	47.044	ng		100
73) Carbazole	17.510	167	1393250	42.512	ng		99
74) Di-n-butylphthalate	18.074	149	1709198	40.474	ng		99
75) Fluoranthene	19.162	202	2874645	74.119	ng		98
77) Benzidine	19.362	184	473545	31.182	ng		99
78) Pyrene	19.527	202	3034332	70.458	ng		100
80) Butylbenzylphthalate	20.439	149	835538	43.049	ng		98
81) Benzo(a)anthracene	21.280	228	2595702	63.488	ng		98
82) 3,3'-Dichlorobenzidine	21.221	252	508009	36.078	ng		99
83) Chrysene	21.333	228	2367710	60.605	ng		98
84) Bis(2-ethylhexyl)phtha...	21.221	149	1180844	40.384	ng		99
85) Di-n-octyl phthalate	22.109	149	2207337	43.520	ng		98
87) Indeno(1,2,3-cd)pyrene	25.827	276	2776772	53.157	ng		95
88) Benzo(b)fluoranthene	22.874	252	2687099	63.278	ng		99
89) Benzo(k)fluoranthene	22.915	252	2273046	52.068	ng		99
90) Benzo(a)pyrene	23.450	252	2533768	61.174	ng		98
91) Dibenzo(a,h)anthracene	25.838	278	1934452	43.926	ng		98
92) Benzo(g,h,i)perylene	26.521	276	2273987	52.455	ng		96

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

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