Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044773.D
Acq On : 26 Mar 2024 17:50
Operator : MA/JU
Sample : P1864-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

Quant Time: Mar 26 18:30:41 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	7.686	152	131150	20.000	ng		-0.02
21) Naphthalene-d8	10.463	136	510324	20.000	ng		-0.02
39) Acenaphthene-d10	14.333	164	291710	20.000	ng		-0.02
64) Phenanthrene-d10	17.092	188	594361	20.000	ng		-0.01
76) Chrysene-d12	21.291	240	551451	20.000	ng		-0.01
86) Perylene-d12	23.538	264	661026	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	816871	89.428	ng		0.00
7) Phenol-d6	6.869	99	1018887	86.703	ng		-0.01
23) Nitrobenzene-d5	8.851	82	627975	59.282	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	342798	106.543	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	1229645	58.054	ng		-0.02
79) Terphenyl-d14	19.733	244	1845814	58.554	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	136876	35.650	ng	#	92
3) Pyridine	3.663	79	365566	34.430	ng		93
4) n-Nitrosodimethylamine	3.587	42	205237	48.234	ng		84
6) Aniline	7.028	93	266300	19.133	ng		98
8) 2-Chlorophenol	7.251	128	415196	45.635	ng		100
9) Benzaldehyde	6.845	77	66193m	10.755	ng		
10) Phenol	6.898	94	516334	43.995	ng		95
11) bis(2-Chloroethyl)ether	7.128	93	392332	40.943	ng		98
12) 1,3-Dichlorobenzene	7.575	146	436283	44.597	ng		97
13) 1,4-Dichlorobenzene	7.722	146	445988	45.233	ng		99
14) 1,2-Dichlorobenzene	8.033	146	430513	45.786	ng		98
15) Benzyl Alcohol	7.933	79	345180	44.678	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	585821m	44.095	ng		
17) 2-Methylphenol	8.133	107	327730	40.945	ng		97
18) Hexachloroethane	8.739	117	170518	46.781	ng		99
19) n-Nitroso-di-n-propyla...	8.498	70	289859	40.389	ng		93
20) 3+4-Methylphenols	8.457	107	447181	41.400	ng		96
22) Acetophenone	8.516	105	578946	43.182	ng	#	97
24) Nitrobenzene	8.892	77	444455	42.445	ng		100
25) Isophorone	9.410	82	794970	43.496	ng		98
26) 2-Nitrophenol	9.592	139	218962	48.460	ng	#	95
27) 2,4-Dimethylphenol	9.657	122	276951	34.854	ng		98
28) bis(2-Chloroethoxy)met...	9.898	93	483693	39.853	ng		99
29) 2,4-Dichlorophenol	10.122	162	361660	47.755	ng		97
30) 1,2,4-Trichlorobenzene	10.327	180	372451	46.229	ng		99
31) Naphthalene	10.516	128	1197510	42.757	ng		100
32) Benzoic acid	9.810	122	281674	44.688	ng		97
33) 4-Chloroaniline	10.639	127	212016	18.045	ng		99
34) Hexachlorobutadiene	10.780	225	211997	47.193	ng		99
35) Caprolactam	11.451	113	117412m	48.062	ng		
36) 4-Chloro-3-methylphenol	11.769	107	378135	45.502	ng		99
37) 2-Methylnaphthalene	12.139	142	778180	40.937	ng		98
38) 1-Methylnaphthalene	12.357	142	732975	41.373	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	377917	45.653	ng		100
41) Hexachlorocyclopentadiene	12.468	237	213469	45.266	ng		100
43) 2,4,6-Trichlorophenol	12.757	196	269405	48.197	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	290775	43.902	ng	99
46) 1,1'-Biphenyl	13.163	154	988161	43.312	ng	99
47) 2-Chloronaphthalene	13.204	162	762196	45.178	ng	98
48) 2-Nitroaniline	13.427	65	267563	46.741	ng	97
49) Acenaphthylene	14.057	152	1282278	46.657	ng	100
50) Dimethylphthalate	13.804	163	914425	41.909	ng	99
51) 2,6-Dinitrotoluene	13.933	165	204232	44.949	ng	99
52) Acenaphthene	14.398	154	714583	43.011	ng	100
53) 3-Nitroaniline	14.262	138	133873	25.162	ng	97
54) 2,4-Dinitrophenol	14.474	184	155844	53.979	ng	96
55) Dibenzofuran	14.739	168	1146447	43.479	ng	99
56) 4-Nitrophenol	14.580	139	428894	98.153	ng	92
57) 2,4-Dinitrotoluene	14.727	165	287602	48.443	ng	92
58) Fluorene	15.392	166	924523	45.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.968	232	246963	48.026	ng	99
60) Diethylphthalate	15.174	149	958733	43.406	ng	99
61) 4-Chlorophenyl-phenyle...	15.392	204	428889	43.509	ng	98
62) 4-Nitroaniline	15.433	138	234425	44.108	ng	94
63) Azobenzene	15.686	77	1007746	44.138	ng	96
65) 4,6-Dinitro-2-methylph...	15.486	198	113054	30.330	ng	98
66) n-Nitrosodiphenylamine	15.609	169	783313	42.287	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	267067	43.441	ng	98
68) Hexachlorobenzene	16.392	284	315154	48.225	ng	94
69) Atrazine	16.574	200	269515	46.562	ng	98
70) Pentachlorophenol	16.745	266	448745	95.462	ng	99
71) Phenanthrene	17.133	178	1446029	44.025	ng	100
72) Anthracene	17.227	178	1473304	44.724	ng	99
73) Carbazole	17.503	167	1426430	45.975	ng	99
74) Di-n-butylphthalate	18.074	149	1757356	43.957	ng	99
75) Fluoranthene	19.156	202	1716944	46.762	ng	98
77) Benzidine	19.362	184	1262571	88.587	ng	99
78) Pyrene	19.521	202	1811203	44.813	ng	100
80) Butylbenzylphthalate	20.439	149	848757	46.596	ng	98
81) Benzo(a)anthracene	21.280	228	1752012	45.661	ng	100
82) 3,3'-Dichlorobenzidine	21.215	252	621415	47.024	ng	100
83) Chrysene	21.333	228	1656678	45.184	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	1208314	44.032	ng	98
85) Di-n-octyl phthalate	22.109	149	2185411	45.912	ng	99
87) Indeno(1,2,3-cd)pyrene	25.821	276	2217345	46.401	ng	97
88) Benzo(b)fluoranthene	22.868	252	1849240	47.604	ng	98
89) Benzo(k)fluoranthene	22.915	252	1712742	42.888	ng	98
90) Benzo(a)pyrene	23.444	252	1721846	45.444	ng	98
91) Dibenzo(a,h)anthracene	25.832	278	1812468	44.990	ng	97
92) Benzo(g,h,i)perylene	26.509	276	1729935	43.622	ng	97

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

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