Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
Data File : BM043927.D
Acq On : 30 Jan 2024 16:07
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM013024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 00:44:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 00:42:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	456847	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1860879	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	1065695	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	2183231	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1962375	20.000	ng	0.00
86) Perylene-d12	23.938	264	2059734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2352418	76.995	ng	0.00
7) Phenol-d6	7.087	99	3133065	77.419	ng	0.00
23) Nitrobenzene-d5	9.092	82	2893844	77.771	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1037169	86.537	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	6343151	76.896	ng	0.00
79) Terphenyl-d14	19.962	244	9508657	82.634	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	456826	36.259	ng	99
3) Pyridine	3.781	79	1270993m	37.213	ng	
4) n-Nitrosodimethylamine	3.710	42	566885	38.322	ng	98
6) Aniline	7.251	93	1495713	38.601	ng	99
8) 2-Chlorophenol	7.481	128	1224622	38.492	ng	97
9) Benzaldehyde	7.063	77	805458	35.822	ng	99
10) Phenol	7.110	94	1522231	38.088	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	1247470	37.876	ng	99
12) 1,3-Dichlorobenzene	7.804	146	1389219	37.653	ng	99
13) 1,4-Dichlorobenzene	7.957	146	1396302	37.541	ng	97
14) 1,2-Dichlorobenzene	8.269	146	1342152	37.670	ng	99
15) Benzyl Alcohol	8.163	79	1018676	39.087	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1704596	37.525	ng	99
17) 2-Methylphenol	8.363	107	982765	38.890	ng	99
18) Hexachloroethane	8.992	117	529261	37.943	ng	99
19) n-Nitroso-di-n-propyla...	8.739	70	995832	38.946	ng	99
20) 3+4-Methylphenols	8.698	107	1349377	39.166	ng	98
22) Acetophenone	8.751	105	1842631	37.577	ng	98
24) Nitrobenzene	9.133	77	1448444	38.538	ng	98
25) Isophorone	9.657	82	2686184	39.728	ng	100
26) 2-Nitrophenol	9.839	139	566147	42.155	ng	98
27) 2,4-Dimethylphenol	9.904	122	811683	39.808	ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	1660581	38.779	ng	100
29) 2,4-Dichlorophenol	10.369	162	1067323	40.819	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	1226326	38.156	ng	100
31) Naphthalene	10.775	128	3900728	37.851	ng	100
32) Benzoic acid	10.039	122	665553	43.831	ng	98
33) 4-Chloroaniline	10.892	127	1496521	38.770	ng	99
34) Hexachlorobutadiene	11.051	225	711820	38.264	ng	98
35) Caprolactam	11.680	113	359248	43.802	ng	96
36) 4-Chloro-3-methylphenol	12.016	107	1181406	41.196	ng	99
37) 2-Methylnaphthalene	12.392	142	2681574	38.756	ng	100
38) 1-Methylnaphthalene	12.610	142	2653788	38.897	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1266991	38.471	ng	100
41) Hexachlorocyclopentadiene	12.727	237	458562	41.389	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	834543	43.213	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	920581	41.275	ng	98
46) 1,1'-Biphenyl	13.404	154	3347654	38.438	ng	100
47) 2-Chloronaphthalene	13.445	162	2625592	38.086	ng	100
48) 2-Nitroaniline	13.657	65	780329	43.922	ng	96
49) Acenaphthylene	14.292	152	3925228	38.937	ng	100
50) Dimethylphthalate	14.039	163	3115892	39.565	ng	99
51) 2,6-Dinitrotoluene	14.157	165	688378	42.426	ng	98
52) Acenaphthene	14.633	154	2470318	38.625	ng	99
53) 3-Nitroaniline	14.486	138	738987	42.363	ng	96
54) 2,4-Dinitrophenol	14.686	184	267514	45.912	ng	98
55) Dibenzofuran	14.968	168	3761331	38.351	ng	100
56) 4-Nitrophenol	14.786	139	612478	42.032	ng	97
57) 2,4-Dinitrotoluene	14.939	165	923397	39.525	ng	99
58) Fluorene	15.621	166	3179872	38.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	750017	42.658	ng	99
60) Diethylphthalate	15.409	149	3252572	39.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1534875	38.492	ng	98
62) 4-Nitroaniline	15.651	138	767583	41.734	ng	99
63) Azobenzene	15.915	77	3270235	38.922	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	405614	44.867	ng	93
66) n-Nitrosodiphenylamine	15.839	169	2629773	38.989	ng	98
67) 4-Bromophenyl-phenylether	16.515	248	936249	39.342	ng	99
68) Hexachlorobenzene	16.609	284	1065920	38.306	ng	99
69) Atrazine	16.798	200	768851	42.402	ng	98
70) Pentachlorophenol	16.962	266	674252	41.976	ng	99
71) Phenanthrene	17.362	178	4648401	38.540	ng	100
72) Anthracene	17.456	178	4591599	38.868	ng	100
73) Carbazole	17.733	167	4457200	38.850	ng	99
74) Di-n-butylphthalate	18.315	149	5700270	42.170	ng	100
75) Fluoranthene	19.386	202	5520381	39.543	ng	100
77) Benzidine	19.580	184	1345873	46.803	ng	99
78) Pyrene	19.750	202	5736229	40.581	ng	99
80) Butylbenzylphthalate	20.674	149	2335343	40.037	ng	97
81) Benzo(a)anthracene	21.509	228	5335004	38.776	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	1713408	42.014	ng	99
83) Chrysene	21.562	228	4990757	38.179	ng	100
84) Bis(2-ethylhexyl)phtha...	21.462	149	3764635	39.451	ng	99
85) Di-n-octyl phthalate	22.409	149	5864627	38.807	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	5661202	37.794	ng	100
88) Benzo(b)fluoranthene	23.209	252	5256585	39.823	ng	99
89) Benzo(k)fluoranthene	23.256	252	4966545	38.737	ng	99
90) Benzo(a)pyrene	23.832	252	4441936	39.221	ng	100
91) Dibenzo(a,h)anthracene	26.479	278	4702860	37.721	ng	99
92) Benzo(g,h,i)perylene	27.215	276	4633612	37.210	ng	100

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

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