Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
Data File : BM047174.D
Acq On : 13 Aug 2024 14:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 15:17:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	230161	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	987029	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	670253	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1438070	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1292071	20.000	ng	0.00
86) Perylene-d12	23.721	264	1611889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1031669	80.093	ng	0.00
7) Phenol-d6	6.581	99	1441226	81.202	ng	0.00
23) Nitrobenzene-d5	8.516	82	1567418	79.962	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	615298	79.172	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3329990	76.637	ng	0.00
79) Terphenyl-d14	19.456	244	4777399	79.228	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	210272	39.399	ng	98
3) Pyridine	3.405	79	655321	41.873	ng	97
4) n-Nitrosodimethylamine	3.322	42	287481	42.045	ng	93
6) Aniline	6.722	93	701453	41.813	ng	99
8) 2-Chlorophenol	6.945	128	568358	40.456	ng	99
9) Benzaldehyde	6.534	77	398134	45.092	ng	98
10) Phenol	6.604	94	715655	40.409	ng	99
11) bis(2-Chloroethyl)ether	6.822	93	617492	40.714	ng	99
12) 1,3-Dichlorobenzene	7.257	146	666723	39.937	ng	99
13) 1,4-Dichlorobenzene	7.404	146	670948	39.694	ng	100
14) 1,2-Dichlorobenzene	7.710	146	639950	40.126	ng	99
15) Benzyl Alcohol	7.622	79	512997	40.611	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.910	45	834304	42.869	ng	99
17) 2-Methylphenol	7.828	107	493623	41.778	ng	99
18) Hexachloroethane	8.422	117	260280	39.753	ng	98
19) n-Nitroso-di-n-propyla...	8.181	70	493306	41.263	ng	98
20) 3+4-Methylphenols	8.157	107	693708	41.997	ng	99
22) Acetophenone	8.192	105	928216	38.959	ng	99
24) Nitrobenzene	8.557	77	804174	40.742	ng	100
25) Isophorone	9.081	82	1383969	40.549	ng	99
26) 2-Nitrophenol	9.257	139	339883	38.882	ng	96
27) 2,4-Dimethylphenol	9.339	122	405774	39.628	ng	99
28) bis(2-Chloroethoxy)met...	9.569	93	866718	40.358	ng	99
29) 2,4-Dichlorophenol	9.792	162	605503	39.854	ng	99
30) 1,2,4-Trichlorobenzene	9.992	180	666987	38.793	ng	99
31) Naphthalene	10.175	128	1920941	39.067	ng	99
32) Benzoic acid	9.510	122	478825	40.250	ng	98
33) 4-Chloroaniline	10.304	127	771643	40.809	ng	98
34) Hexachlorobutadiene	10.463	225	379646	37.724	ng	99
35) Caprolactam	11.104	113	216897	41.108	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	657517	40.636	ng	98
37) 2-Methylnaphthalene	11.804	142	1378345	39.371	ng	99
38) 1-Methylnaphthalene	12.027	142	1355644	39.181	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	695640	38.052	ng	100
41) Hexachlorocyclopentadiene	12.163	237	242420	37.975	ng	97
43) 2,4,6-Trichlorophenol	12.439	196	501103	38.564	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	560196	38.829	ng	98
46) 1,1'-Biphenyl	12.851	154	1839152	38.543	ng	99
47) 2-Chloronaphthalene	12.886	162	1440732	38.630	ng	99
48) 2-Nitroaniline	13.110	65	488057	41.772	ng	94
49) Acenaphthylene	13.745	152	2158580	39.265	ng	100
50) Dimethylphthalate	13.510	163	1838120	39.267	ng	99
51) 2,6-Dinitrotoluene	13.627	165	436938	39.930	ng	96
52) Acenaphthene	14.092	154	1352993	38.799	ng	100
53) 3-Nitroaniline	13.957	138	447966	40.854	ng	99
54) 2,4-Dinitrophenol	14.169	184	245805	37.479	ng	95
55) Dibenzofuran	14.433	168	2146981	38.978	ng	100
56) 4-Nitrophenol	14.292	139	388716	41.111	ng	95
57) 2,4-Dinitrotoluene	14.421	165	596492	40.839	ng	98
58) Fluorene	15.092	166	1781451	39.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.668	232	464550	39.179	ng	100
60) Diethylphthalate	14.892	149	1882180	39.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	831617	38.435	ng	99
62) 4-Nitroaniline	15.133	138	441545m	40.875	ng	
63) Azobenzene	15.392	77	1838924	40.572	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	341356	40.543	ng	99
66) n-Nitrosodiphenylamine	15.316	169	1533292	39.145	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	523762	37.796	ng	98
68) Hexachlorobenzene	16.098	284	640390	38.586	ng	99
69) Atrazine	16.286	200	432130	36.662	ng	99
70) Pentachlorophenol	16.451	266	453570	38.987	ng	99
71) Phenanthrene	16.833	178	2808943	38.921	ng	100
72) Anthracene	16.921	178	2755291	39.236	ng	99
73) Carbazole	17.204	167	2840833	39.621	ng	100
74) Di-n-butylphthalate	17.792	149	3279724	39.312	ng	99
75) Fluoranthene	18.868	202	3428172	39.053	ng	99
77) Benzidine	19.074	184	1436278	65.549	ng	100
78) Pyrene	19.233	202	3604226	39.067	ng	99
80) Butylbenzylphthalate	20.174	149	1519459	40.357	ng	99
81) Benzo(a)anthracene	21.009	228	3411646	39.774	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1140565	42.499	ng	99
83) Chrysene	21.068	228	3198982	39.309	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2186528	40.951	ng	100
85) Di-n-octyl phthalate	22.003	149	3689503	40.653	ng	98
87) Indeno(1,2,3-cd)pyrene	26.721	276	4355317	41.802	ng	100
88) Benzo(b)fluoranthene	22.880	252	3771724	39.402	ng	99
89) Benzo(k)fluoranthene	22.939	252	3559577	39.369	ng	100
90) Benzo(a)pyrene	23.597	252	3322458	40.067	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	3530606	41.873	ng	99
92) Benzo(g,h,i)perylene	27.644	276	3717090	42.460	ng	99

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

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