Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040324\
Data File : BM044894.D
Acq On : 03 Apr 2024 16:20
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/05/2024
Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 03 16:57:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 00:28:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	94298	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	415382	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	277856	20.000	ng	0.00
64) Phenanthrene-d10	17.057	188	604296	20.000	ng	0.00
76) Chrysene-d12	21.274	240	639435	20.000	ng	0.00
86) Perylene-d12	23.503	264	753684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	499531	79.978	ng	0.00
7) Phenol-d6	6.828	99	668520	81.085	ng	0.00
23) Nitrobenzene-d5	8.810	82	670020	79.437	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	341115	84.011	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	1601433	78.172	ng	0.00
79) Terphenyl-d14	19.709	244	3084761	82.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	93754	38.546	ng	99
3) Pyridine	3.628	79	281291m	39.935	ng	
4) n-Nitrosodimethylamine	3.552	42	121979	39.856	ng	92
6) Aniline	6.993	93	387438	39.864	ng	99
8) 2-Chlorophenol	7.210	128	264000	39.582	ng	99
9) Benzaldehyde	6.810	77	162466	38.970	ng	96
10) Phenol	6.851	94	323529	39.784	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	255856	38.455	ng	99
12) 1,3-Dichlorobenzene	7.534	146	273406	39.034	ng	99
13) 1,4-Dichlorobenzene	7.681	146	274758	39.006	ng	98
14) 1,2-Dichlorobenzene	7.987	146	268976	38.740	ng	99
15) Benzyl Alcohol	7.898	79	226304	40.053	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	299707m	39.037	ng	
17) 2-Methylphenol	8.087	107	242089	40.892	ng	99
18) Hexachloroethane	8.698	117	107405	39.167	ng	96
19) n-Nitroso-di-n-propyla...	8.457	70	223479	40.614	ng	99
20) 3+4-Methylphenols	8.416	107	334042	40.598	ng	99
22) Acetophenone	8.475	105	421057	38.959	ng	100
24) Nitrobenzene	8.851	77	325498	39.458	ng	100
25) Isophorone	9.375	82	592486	39.491	ng	99
26) 2-Nitrophenol	9.551	139	153564	40.641	ng	99
27) 2,4-Dimethylphenol	9.610	122	250116	39.600	ng	97
28) bis(2-Chloroethoxy)met...	9.857	93	364568	39.352	ng	97
29) 2,4-Dichlorophenol	10.081	162	263512	40.995	ng	97
30) 1,2,4-Trichlorobenzene	10.287	180	264233	39.330	ng	100
31) Naphthalene	10.475	128	876334	39.035	ng	100
32) Benzoic acid	9.769	122	215712	40.817	ng	96
33) 4-Chloroaniline	10.598	127	401022	40.988	ng	99
34) Hexachlorobutadiene	10.739	225	149487	39.149	ng	98
35) Caprolactam	11.410	113	95368	41.163	ng	97
36) 4-Chloro-3-methylphenol	11.728	107	287608	41.301	ng	99
37) 2-Methylnaphthalene	12.092	142	638724	39.594	ng	98
38) 1-Methylnaphthalene	12.316	142	600563	39.325	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	294836	38.678	ng	99
41) Hexachlorocyclopentadiene	12.428	237	164288	38.416	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	217069	40.203	ng	96

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44) 2,4,5-Trichlorophenol	12.786	196	262294	40.496	ng	99
46) 1,1'-Biphenyl	13.122	154	805045	38.711	ng	99
47) 2-Chloronaphthalene	13.163	162	614067	38.872	ng	99
48) 2-Nitroaniline	13.386	65	203612	40.756	ng	99
49) Acenaphthylene	14.016	152	1041714	39.623	ng	99
50) Dimethylphthalate	13.775	163	857066	39.105	ng	100
51) 2,6-Dinitrotoluene	13.898	165	184886	40.157	ng	99
52) Acenaphthene	14.363	154	618662	39.039	ng	99
53) 3-Nitroaniline	14.227	138	215833	41.716	ng	94
54) 2,4-Dinitrophenol	14.439	184	111178	39.127	ng	96
55) Dibenzofuran	14.698	168	1030345	39.437	ng	98
56) 4-Nitrophenol	14.539	139	173997	41.606	ng	98
57) 2,4-Dinitrotoluene	14.692	165	267752	41.583	ng	96
58) Fluorene	15.357	166	853184	40.295	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.933	232	214209	39.833	ng	98
60) Diethylphthalate	15.145	149	893885	39.661	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	410407	39.957	ng	98
62) 4-Nitroaniline	15.398	138	211583	44.019	ng	98
63) Azobenzene	15.651	77	881071	40.533	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	156231	40.806	ng	98
66) n-Nitrosodiphenylamine	15.574	169	721230	39.444	ng	98
67) 4-Bromophenyl-phenylether	16.251	248	254287	39.432	ng	99
68) Hexachlorobenzene	16.351	284	293518	39.240	ng	98
69) Atrazine	16.539	200	235653	39.736	ng	99
70) Pentachlorophenol	16.704	266	216940	40.061	ng	98
71) Phenanthrene	17.098	178	1329862	39.592	ng	99
72) Anthracene	17.192	178	1358675	39.950	ng	99
73) Carbazole	17.474	167	1292061	40.357	ng	99
74) Di-n-butylphthalate	18.045	149	1669591	40.507	ng	99
75) Fluoranthene	19.127	202	1598538	40.216	ng	100
77) Benzidine	19.333	184	621571	52.086	ng	99
78) Pyrene	19.492	202	1693215	39.767	ng	100
80) Butylbenzylphthalate	20.415	149	792763	40.347	ng	94
81) Benzo(a)anthracene	21.256	228	1759543	39.881	ng	100
82) 3,3'-Dichlorobenzidine	21.198	252	677062	41.562	ng	98
83) Chrysene	21.309	228	1670238	39.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.198	149	1316304	41.940	ng	100
85) Di-n-octyl phthalate	22.086	149	2094851	40.106	ng	100
87) Indeno(1,2,3-cd)pyrene	25.762	276	2271054	40.159	ng	100
88) Benzo(b)fluoranthene	22.839	252	1782659	39.890	ng	100
89) Benzo(k)fluoranthene	22.886	252	1850800	41.704	ng	99
90) Benzo(a)pyrene	23.409	252	1766744	40.817	ng	99
91) Dibenzo(a,h)anthracene	25.774	278	1926294	40.451	ng	99
92) Benzo(g,h,i)perylene	26.444	276	1825989	39.917	ng	99

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

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