Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021324\
Data File : BM044068.D
Acq On : 13 Feb 2024 15:06
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 13 18:56:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	414904	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1781556	20.000	ng		-0.01
39) Acenaphthene-d10	14.551	164	1030831	20.000	ng		0.00
64) Phenanthrene-d10	17.303	188	2072355	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1726909	20.000	ng		0.00
86) Perylene-d12	23.897	264	1939306	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2238550	78.472	ng		0.00
7) Phenol-d6	7.075	99	2981290	82.138	ng		0.00
23) Nitrobenzene-d5	9.075	82	2703928	80.536	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	908567	81.405	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	5609467	76.800	ng		0.00
79) Terphenyl-d14	19.939	244	7444516	75.571	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	444165	39.233	ng		97
3) Pyridine	3.781	79	1262977	42.255	ng		99
4) n-Nitrosodimethylamine	3.704	42	484130	42.689	ng		95
6) Aniline	7.239	93	1469884	41.188	ng		98
8) 2-Chlorophenol	7.469	128	1163796	39.067	ng		100
9) Benzaldehyde	7.051	77	755661m	40.513	ng		
10) Phenol	7.098	94	1501047	40.977	ng		99
11) bis(2-Chloroethyl)ether	7.339	93	1207029	39.791	ng		99
12) 1,3-Dichlorobenzene	7.792	146	1291329	38.180	ng		99
13) 1,4-Dichlorobenzene	7.939	146	1305704	38.298	ng		99
14) 1,2-Dichlorobenzene	8.257	146	1248042	38.418	ng		100
15) Benzyl Alcohol	8.151	79	961624	40.690	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1526847	39.705	ng		99
17) 2-Methylphenol	8.351	107	967569	40.238	ng		98
18) Hexachloroethane	8.975	117	487223	38.168	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	934702	41.938	ng		99
20) 3+4-Methylphenols	8.681	107	1353554	40.899	ng		100
22) Acetophenone	8.739	105	1797040	39.739	ng	#	99
24) Nitrobenzene	9.116	77	1371907	39.903	ng		99
25) Isophorone	9.645	82	2622048	40.558	ng		100
26) 2-Nitrophenol	9.822	139	629684	39.503	ng		98
27) 2,4-Dimethylphenol	9.886	122	804828	39.487	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	1651212	39.493	ng		100
29) 2,4-Dichlorophenol	10.357	162	1054093	39.281	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	1140807	37.807	ng		97
31) Naphthalene	10.757	128	3784795	38.492	ng		100
32) Benzoic acid	10.027	122	805851	39.249	ng		100
33) 4-Chloroaniline	10.874	127	1506758	40.469	ng		99
34) Hexachlorobutadiene	11.033	225	636789	36.869	ng		100
35) Caprolactam	11.674	113	375982	43.541	ng		99
36) 4-Chloro-3-methylphenol	11.998	107	1196479	41.176	ng		99
37) 2-Methylnaphthalene	12.368	142	2539761	38.777	ng		97
38) 1-Methylnaphthalene	12.592	142	2512802	39.044	ng		100
40) 1,2,4,5-Tetrachloroben...	12.733	216	1126030	37.581	ng		100
41) Hexachlorocyclopentadiene	12.704	237	476012	36.403	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	803325	39.396	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	897259	40.097	ng	99
46) 1,1'-Biphenyl	13.386	154	3119033	38.345	ng	99
47) 2-Chloronaphthalene	13.427	162	2492406	38.682	ng	99
48) 2-Nitroaniline	13.639	65	780752	43.072	ng	94
49) Acenaphthylene	14.268	152	3774993	39.271	ng	99
50) Dimethylphthalate	14.021	163	3036389	39.727	ng	99
51) 2,6-Dinitrotoluene	14.139	165	683216	40.517	ng	93
52) Acenaphthene	14.615	154	2318856	38.977	ng	100
53) 3-Nitroaniline	14.468	138	761955	42.045	ng	96
54) 2,4-Dinitrophenol	14.674	184	362714	38.916	ng	96
55) Dibenzofuran	14.951	168	3566483	38.732	ng	99
56) 4-Nitrophenol	14.768	139	631627	42.875	ng	96
57) 2,4-Dinitrotoluene	14.927	165	927086	42.065	ng	99
58) Fluorene	15.598	166	2815697	39.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	693426	39.491	ng	98
60) Diethylphthalate	15.386	149	3121922	39.523	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	1334261	38.699	ng	98
62) 4-Nitroaniline	15.633	138	786292	43.103	ng	99
63) Azobenzene	15.892	77	3061511	41.311	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	502967	40.730	ng	97
66) n-Nitrosodiphenylamine	15.815	169	2445598	38.843	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	816181	39.834	ng	99
68) Hexachlorobenzene	16.592	284	940018	37.453	ng	97
69) Atrazine	16.774	200	684887	40.174	ng	99
70) Pentachlorophenol	16.945	266	648948	39.746	ng	99
71) Phenanthrene	17.345	178	4224246	38.601	ng	100
72) Anthracene	17.433	178	4207330	38.835	ng	100
73) Carbazole	17.709	167	4241701	40.259	ng	99
74) Di-n-butylphthalate	18.286	149	5406686	39.479	ng	99
75) Fluoranthene	19.362	202	4873086	39.642	ng	99
77) Benzidine	19.562	184	1499117	55.860	ng	99
78) Pyrene	19.727	202	5095184	38.310	ng	100
80) Butylbenzylphthalate	20.650	149	2359587	39.913	ng	98
81) Benzo(a)anthracene	21.486	228	4676382	38.930	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1559986	39.580	ng	99
83) Chrysene	21.538	228	4426840	39.007	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	3423917	39.253	ng	100
85) Di-n-octyl phthalate	22.374	149	6068997	39.839	ng	99
87) Indeno(1,2,3-cd)pyrene	26.385	276	4977602	36.265	ng	99
88) Benzo(b)fluoranthene	23.168	252	4708184	38.837	ng	99
89) Benzo(k)fluoranthene	23.221	252	4701889	40.817	ng	99
90) Benzo(a)pyrene	23.791	252	4166146	39.345	ng	100
91) Dibenzo(a,h)anthracene	26.415	278	4186072	36.461	ng	100
92) Benzo(g,h,i)perylene	27.150	276	4135091	35.513	ng	99

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

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