Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
Data File : BM046340.D
Acq On : 27 Jun 2024 20:13
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 02:58:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 02:47:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.369	152	180152	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	791470	20.000	ng		0.00
39) Acenaphthene-d10	14.022	164	480638	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	856201	20.000	ng		0.00
76) Chrysene-d12	20.998	240	581647	20.000	ng		0.00
86) Perylene-d12	23.668	264	583289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.052	112	1386322	123.696	ng		0.00
7) Phenol-d6	6.640	99	1961571	123.204	ng		0.00
23) Nitrobenzene-d5	8.546	82	2346428	122.902	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	696893	119.226	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	4717088	133.020	ng		0.00
79) Terphenyl-d14	19.433	244	5268880	149.873	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	243305	56.305	ng		97
3) Pyridine	3.422	79	718182m	59.545	ng		
4) n-Nitrosodimethylamine	3.340	42	556372	59.489	ng		99
6) Aniline	6.746	93	839196	58.039	ng		100
8) 2-Chlorophenol	6.969	128	763475	61.143	ng		99
9) Benzaldehyde	6.552	77	439443	61.529	ng		96
10) Phenol	6.663	94	962470	61.072	ng		98
11) bis(2-Chloroethyl)ether	6.840	93	767733	60.005	ng		99
12) 1,3-Dichlorobenzene	7.263	146	844644	61.013	ng		98
13) 1,4-Dichlorobenzene	7.404	146	860754	60.425	ng		99
14) 1,2-Dichlorobenzene	7.722	146	839911	59.802	ng		100
15) Benzyl Alcohol	7.657	79	831595	63.536	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1272298	58.432	ng		99
17) 2-Methylphenol	7.875	107	672892	61.245	ng		99
18) Hexachloroethane	8.428	117	388875	60.600	ng		99
19) n-Nitroso-di-n-propyla...	8.204	70	788577	65.240	ng		93
20) 3+4-Methylphenols	8.204	107	1012852	63.567	ng	#	86
22) Acetophenone	8.210	105	1434247	64.876	ng	#	98
24) Nitrobenzene	8.587	77	1137465	60.650	ng		99
25) Isophorone	9.104	82	1952604	60.312	ng		99
26) 2-Nitrophenol	9.275	139	458418	68.294	ng		98
27) 2,4-Dimethylphenol	9.381	122	528608	62.813	ng		98
28) bis(2-Chloroethoxy)met...	9.581	93	1124925	62.892	ng		99
29) 2,4-Dichlorophenol	9.816	162	740681	65.172	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	812261	63.118	ng		99
31) Naphthalene	10.181	128	2686710	61.941	ng		99
32) Benzoic acid	9.681	122	623696	60.684	ng		97
33) 4-Chloroaniline	10.345	127	955587	62.893	ng		99
34) Hexachlorobutadiene	10.463	225	506950	63.897	ng		98
35) Caprolactam	11.204	113	241178m	57.968	ng		
36) 4-Chloro-3-methylphenol	11.498	107	870598	61.568	ng		99
37) 2-Methylnaphthalene	11.798	142	1814737	62.036	ng		99
38) 1-Methylnaphthalene	12.028	142	1802544	62.320	ng		100
40) 1,2,4,5-Tetrachloroben...	12.181	216	837499	65.316	ng		100
41) Hexachlorocyclopentadiene	12.157	237	361189	71.882	ng		96
43) 2,4,6-Trichlorophenol	12.451	196	578670	67.946	ng		97

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.539	196	631149	64.314	ng	98
46) 1,1'-Biphenyl	12.845	154	2322493	64.544	ng	99
47) 2-Chloronaphthalene	12.881	162	1792198	64.164	ng	100
48) 2-Nitroaniline	13.139	65	697535	62.905	ng	99
49) Acenaphthylene	13.745	152	2742906	63.698	ng	99
50) Dimethylphthalate	13.528	163	2158994	61.448	ng	99
51) 2,6-Dinitrotoluene	13.639	165	483824	61.835	ng	97
52) Acenaphthene	14.086	154	1692334	63.227	ng	99
53) 3-Nitroaniline	13.986	138	482111	60.985	ng	95
54) 2,4-Dinitrophenol	14.186	184	266122	58.896	ng	94
55) Dibenzofuran	14.428	168	2689962	62.720	ng	100
56) 4-Nitrophenol	14.351	139	356613	55.612	ng	98
57) 2,4-Dinitrotoluene	14.439	165	693422	61.239	ng	86
58) Fluorene	15.080	166	2320643	63.258	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.680	232	495439	59.898	ng	100
60) Diethylphthalate	14.892	149	2309122	59.743	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	1114276	65.253	ng	100
62) 4-Nitroaniline	15.175	138	443224	57.405	ng	99
63) Azobenzene	15.380	77	2707833	58.790	ng	99
65) 4,6-Dinitro-2-methylph...	15.204	198	338902	61.033	ng	95
66) n-Nitrosodiphenylamine	15.316	169	1704031	68.520	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	595297	68.093	ng	97
68) Hexachlorobenzene	16.086	284	680637	65.942	ng	97
69) Atrazine	16.292	200	361298	52.558	ng	99
70) Pentachlorophenol	16.451	266	427039	65.777	ng	99
71) Phenanthrene	16.821	178	2859327	62.757	ng	100
72) Anthracene	16.916	178	2786734	62.881	ng	100
73) Carbazole	17.210	167	2555613	58.564	ng	99
74) Di-n-butylphthalate	17.768	149	3609490	61.564	ng	99
75) Fluoranthene	18.845	202	2927937	54.384	ng	100
77) Benzidine	19.063	184	495750	82.245	ng	99
78) Pyrene	19.210	202	2979469	73.746	ng	99
80) Butylbenzylphthalate	20.139	149	1319348	69.404	ng	97
81) Benzo(a)anthracene	20.980	228	2380969	62.402	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	718605	58.716	ng	97
83) Chrysene	21.039	228	2231576	61.154	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	2014150	61.312	ng	99
85) Di-n-octyl phthalate	21.939	149	2923111	60.826	ng	99
87) Indeno(1,2,3-cd)pyrene	26.633	276	2431983	65.008	ng	100
88) Benzo(b)fluoranthene	22.845	252	2240523	64.852	ng	100
89) Benzo(k)fluoranthene	22.898	252	2142375	62.338	ng	99
90) Benzo(a)pyrene	23.550	252	1931920	63.665	ng	98
91) Dibenzo(a,h)anthracene	26.674	278	2029246	64.963	ng	99
92) Benzo(g,h,i)perylene	27.556	276	2049897	66.253	ng	99

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

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