Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021547.D
Acq On : 16 Aug 2024 20:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 17 00:44:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	602035	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2588692	20.000	ng	0.01
39) Acenaphthene-d10	14.463	164	1718200	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	3327135	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1948475	20.000	ng	0.00
86) Perylene-d12	25.121	264	2355666	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	3113178	76.784	ng	0.02
7) Phenol-d6	6.987	99	4672961	79.008	ng	0.02
23) Nitrobenzene-d5	8.969	82	4266929	85.077	ng	0.02
42) 2,4,6-Tribromophenol	15.969	330	1665146	87.076	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	8299612	73.720	ng	0.01
79) Terphenyl-d14	19.969	244	9280974	92.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	590223	30.701	ng	99
3) Pyridine	3.723	79	1723423m	32.113	ng	
4) n-Nitrosodimethylamine	3.628	42	558884	34.646	ng	92
6) Aniline	7.146	93	2123541	35.914	ng	97
8) 2-Chlorophenol	7.387	128	1552801	41.443	ng	96
9) Benzaldehyde	6.958	77	1458069m	38.502	ng	
10) Phenol	7.011	94	2380593	38.869	ng	98
11) bis(2-Chloroethyl)ether	7.246	93	1831483	35.340	ng	96
12) 1,3-Dichlorobenzene	7.711	146	1717996	38.601	ng	97
13) 1,4-Dichlorobenzene	7.858	146	1741279	38.746	ng	97
14) 1,2-Dichlorobenzene	8.169	146	1684999	38.907	ng	99
15) Benzyl Alcohol	8.052	79	1654661	38.991	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.346	45	1675275m	35.102	ng	
17) 2-Methylphenol	8.258	107	1563728	40.386	ng	97
18) Hexachloroethane	8.905	117	662232	36.747	ng	98
19) n-Nitroso-di-n-propyla...	8.622	70	1352472	33.103	ng	96
20) 3+4-Methylphenols	8.581	107	2217006	42.464	ng	98
22) Acetophenone	8.634	105	2881490	36.232	ng	99
24) Nitrobenzene	9.010	77	2146576	39.407	ng	92
25) Isophorone	9.540	82	4089395	34.514	ng	98
26) 2-Nitrophenol	9.716	139	817244	55.338	ng	95
27) 2,4-Dimethylphenol	9.781	122	1165823	39.870	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	2552480	35.292	ng	100
29) 2,4-Dichlorophenol	10.257	162	1571332	45.481	ng	98
30) 1,2,4-Trichlorobenzene	10.475	180	1750844	39.528	ng	98
31) Naphthalene	10.663	128	5250301	38.824	ng	100
32) Benzoic acid	9.940	122	1400805	64.185	ng	93
33) 4-Chloroaniline	10.757	127	1993960	39.253	ng	97
34) Hexachlorobutadiene	10.952	225	1086782	38.968	ng	99
35) Caprolactam	11.552	113	642984m	44.712	ng	
36) 4-Chloro-3-methylphenol	11.887	107	2095409	43.723	ng	97
37) 2-Methylnaphthalene	12.275	142	3611115	39.125	ng	100
38) 1-Methylnaphthalene	12.493	142	3548896	38.986	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	1989005	39.509	ng	99
41) Hexachlorocyclopentadiene	12.622	237	249946	15.665	ng	97
43) 2,4,6-Trichlorophenol	12.881	196	1305948	46.699	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	1468640	47.268	ng		95
46) 1,1'-Biphenyl	13.287	154	4686339	38.550	ng		97
47) 2-Chloronaphthalene	13.328	162	3687841	38.966	ng		99
48) 2-Nitroaniline	13.516	65	1186871	45.094	ng	#	87
49) Acenaphthylene	14.181	152	5429319	39.024	ng		99
50) Dimethylphthalate	13.910	163	4437625	38.566	ng		100
51) 2,6-Dinitrotoluene	14.022	165	1039065	45.029	ng		90
52) Acenaphthene	14.528	154	3531841	38.689	ng		100
53) 3-Nitroaniline	14.351	138	1055569	46.398	ng	#	91
54) 2,4-Dinitrophenol	14.563	184	200487	35.802	ng		92
55) Dibenzofuran	14.863	168	5382013	38.325	ng		99
56) 4-Nitrophenol	14.669	139	866081	47.581	ng	#	85
57) 2,4-Dinitrotoluene	14.822	165	1381070	46.904	ng		88
58) Fluorene	15.522	166	4166621	36.117	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	1206295	45.741	ng		99
60) Diethylphthalate	15.298	149	4514228	38.236	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	2171544	36.415	ng		99
62) 4-Nitroaniline	15.534	138	1029505	44.138	ng		94
63) Azobenzene	15.816	77	4946420	34.083	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	342817	38.213	ng		95
66) n-Nitrosodiphenylamine	15.728	169	3687669	41.359	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	1466842	41.656	ng		99
68) Hexachlorobenzene	16.545	284	1668748	40.101	ng		96
69) Atrazine	16.704	200	1062983	34.724	ng		99
70) Pentachlorophenol	16.898	266	1043259	45.933	ng		99
71) Phenanthrene	17.298	178	6137458	38.357	ng		100
72) Anthracene	17.387	178	6100221	38.874	ng		100
73) Carbazole	17.663	167	5732883	37.908	ng		99
74) Di-n-butylphthalate	18.263	149	7493424	40.346	ng		100
75) Fluoranthene	19.375	202	6206842	31.615	ng		99
77) Benzidine	19.563	184	1736529	38.199	ng		100
78) Pyrene	19.745	202	6043357	47.452	ng		100
80) Butylbenzylphthalate	20.698	149	2472231	50.911	ng		92
81) Benzo(a)anthracene	21.680	228	4898996	40.051	ng		100
82) 3,3'-Dichlorobenzidine	21.592	252	1834239	46.770	ng		99
83) Chrysene	21.751	228	4607233	39.894	ng		100
84) Bis(2-ethylhexyl)phtha...	21.633	149	3382463	46.787	ng		100
85) Di-n-octyl phthalate	22.945	149	5131099	41.170	ng		97
87) Indeno(1,2,3-cd)pyrene	29.033	276	6185801	40.510	ng	#	92
88) Benzo(b)fluoranthene	24.045	252	5250691	38.810	ng		99
89) Benzo(k)fluoranthene	24.110	252	5003268	37.910	ng		100
90) Benzo(a)pyrene	24.957	252	4643331	39.549	ng		99
91) Dibenzo(a,h)anthracene	29.109	278	5081897	40.055	ng		99
92) Benzo(g,h,i)perylene	30.251	276	5259821	41.362	ng		99

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

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