Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101414.D
Acq On : 29 Oct 2024 19:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 00:27:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	145646	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	734921	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	535489	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1201793	20.000	ng	0.00
76) Chrysene-d12	21.078	240	1319134	20.000	ng	0.00
86) Perylene-d12	23.363	264	1687571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	660471	79.479	ng	0.00
7) Phenol-d6	6.947	99	953123	82.718	ng	0.00
23) Nitrobenzene-d5	8.786	82	962617	82.269	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	781055	83.220	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2539870	80.326	ng	0.00
79) Terphenyl-d14	19.509	244	4209761	73.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	121774	39.290	ng	99
3) Pyridine	3.633	79	309565	35.303	ng	98
4) n-Nitrosodimethylamine	3.557	42	139171	41.020	ng	93
6) Aniline	7.012	93	453742	51.382	ng	99
8) 2-Chlorophenol	7.217	128	403836	40.518	ng	99
9) Benzaldehyde	6.783	77	277642	49.914	ng	99
10) Phenol	6.971	94	530758	42.453	ng	100
11) bis(2-Chloroethyl)ether	7.041	93	364391	35.529	ng	99
12) 1,3-Dichlorobenzene	7.458	146	425006	39.545	ng	99
13) 1,4-Dichlorobenzene	7.605	146	429883	39.169	ng	99
14) 1,2-Dichlorobenzene	7.934	146	429783	40.007	ng	99
15) Benzyl Alcohol	7.911	79	307539	44.776	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.081	45	531210	41.157	ng	99
17) 2-Methylphenol	8.152	107	352241	41.628	ng	99
18) Hexachloroethane	8.627	117	146765	40.950	ng	99
19) n-Nitroso-di-n-propyla...	8.375	70	345818	45.227	ng	99
20) 3+4-Methylphenols	8.492	107	496459	42.504	ng	99
22) Acetophenone	8.422	105	683446	40.957	ng	98
24) Nitrobenzene	8.827	77	504182	40.484	ng	100
25) Isophorone	9.274	82	952930	41.735	ng	100
26) 2-Nitrophenol	9.509	139	257263	42.740	ng	100
27) 2,4-Dimethylphenol	9.626	122	304338	40.180	ng	98
28) bis(2-Chloroethoxy)met...	9.773	93	570303	41.186	ng	99
29) 2,4-Dichlorophenol	10.061	162	430412	41.075	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	449450	39.373	ng	99
31) Naphthalene	10.384	128	1489451	39.771	ng	99
32) Benzoic acid	9.902	122	305298	40.692	ng	97
33) 4-Chloroaniline	10.608	127	572767	43.982	ng	99
34) Hexachlorobutadiene	10.637	225	267967	39.659	ng	100
35) Caprolactam	11.395	113	171904m	42.798	ng	
36) 4-Chloro-3-methylphenol	11.788	107	498550	41.787	ng	99
37) 2-Methylnaphthalene	11.976	142	1094354	40.559	ng	100
38) 1-Methylnaphthalene	12.206	142	1083774	40.246	ng	100
40) 1,2,4,5-Tetrachloroben...	12.335	216	536140	39.884	ng	100
41) Hexachlorocyclopentadiene	12.317	237	178112	40.119	ng	99
43) 2,4,6-Trichlorophenol	12.652	196	388507	41.923	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	440917	41.547	ng	98
46) 1,1'-Biphenyl	13.011	154	1462266	39.858	ng	99
47) 2-Chloronaphthalene	13.052	162	1153689	39.803	ng	98
48) 2-Nitroaniline	13.387	65	338341	43.375	ng	98
49) Acenaphthylene	13.915	152	1743024	40.664	ng	100
50) Dimethylphthalate	13.686	163	1501341	39.720	ng	100
51) 2,6-Dinitrotoluene	13.821	165	360017	41.255	ng	99
52) Acenaphthene	14.244	154	1116774	39.900	ng	99
53) 3-Nitroaniline	14.233	138	376665	43.407	ng	99
54) 2,4-Dinitrophenol	14.368	184	216656	38.104	ng	99
55) Dibenzofuran	14.585	168	1762060	39.499	ng	99
56) 4-Nitrophenol	14.650	139	324385	40.821	ng	98
57) 2,4-Dinitrotoluene	14.609	165	507284	42.223	ng	100
58) Fluorene	15.226	166	1501174	40.225	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.855	232	400889	40.886	ng	99
60) Diethylphthalate	15.014	149	1567066	39.636	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	737242	39.810	ng	99
62) 4-Nitroaniline	15.419	138	409801	42.440	ng	99
63) Azobenzene	15.508	77	1366425	40.208	ng	100
65) 4,6-Dinitro-2-methylph...	15.349	198	295100	41.788	ng	99
66) n-Nitrosodiphenylamine	15.461	169	1301235	40.829	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	514223	40.676	ng	98
68) Hexachlorobenzene	16.201	284	676571	40.830	ng	98
69) Atrazine	16.395	200	384763	39.379	ng	99
70) Pentachlorophenol	16.606	266	421629	44.204	ng	98
71) Phenanthrene	16.959	178	2314134	40.218	ng	100
72) Anthracene	17.047	178	2303749	41.003	ng	100
73) Carbazole	17.376	167	2347292	40.831	ng	100
74) Di-n-butylphthalate	17.823	149	2652358	41.909	ng	100
75) Fluoranthene	18.962	202	2830104	40.495	ng	99
77) Benzidine	19.221	184	1157596	69.143	ng	100
78) Pyrene	19.333	202	2990516	41.224	ng	100
80) Butylbenzylphthalate	20.179	149	1318562	41.462	ng	97
81) Benzo(a)anthracene	21.054	228	3020236	40.735	ng	99
82) 3,3'-Dichlorobenzidine	21.031	252	1268147	43.662	ng	100
83) Chrysene	21.113	228	2874518	40.098	ng	100
84) Bis(2-ethylhexyl)phtha...	20.884	149	1813880	42.935	ng	99
85) Di-n-octyl phthalate	21.736	149	2941808	42.426	ng	100
87) Indeno(1,2,3-cd)pyrene	25.696	276	4607335	40.795	ng	100
88) Benzo(b)fluoranthene	22.658	252	3483723	39.612	ng	100
89) Benzo(k)fluoranthene	22.699	252	3352015	40.797	ng	99
90) Benzo(a)pyrene	23.257	252	3148145	40.931	ng	100
91) Dibenzo(a,h)anthracene	25.684	278	3844984	41.201	ng	99
92) Benzo(g,h,i)perylene	26.442	276	3897036	40.529	ng	100

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

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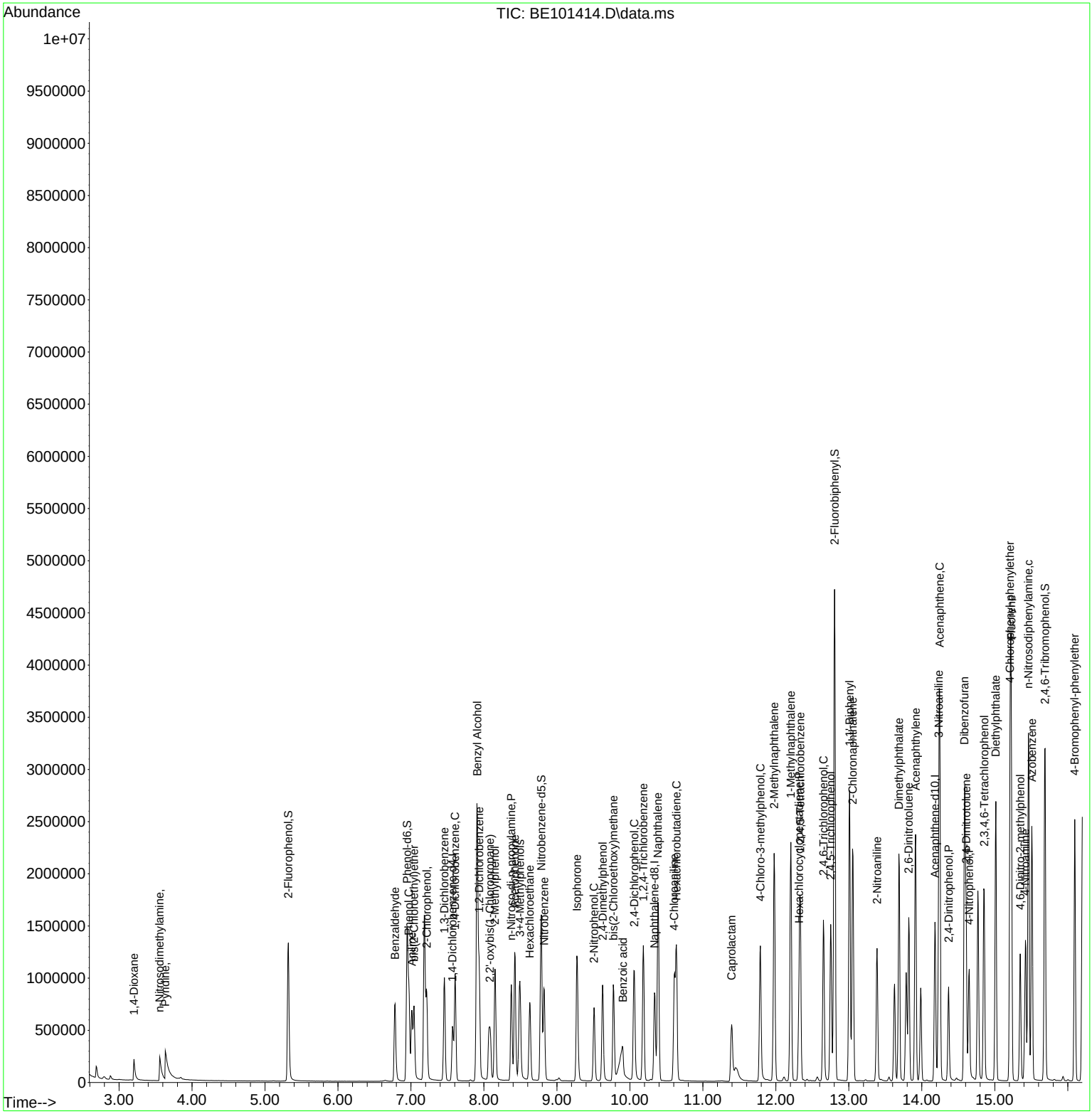

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